



RON CHAPMAN, MD, MPH
Director

State of California - Health and Human Services Agency
California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804
Phone: (510) 620-2911 Fax: (510) 620-2940



EDMUND G. BROWN JR.
Governor

FINAL Analysis Results Report for Task ID. N12-0023

Analyst: Angela Tan

Analysis Approved By: Shiyamalie Ruberu

Analysis Approval Date: 01/19/2012

Requestor

Name: Steve Hsu

Organization: Radiologic Health Branch

Address: MS 7610, 1500 Capitol Avenue

City: Sacramento

State: CA

Zip Code: 95814-5006 Phone: 916-440-7940

Site and Sample Information

Collector's Name: Victoria Brandt

Date/Time Collected: 01/06/2012 15:28 Date/Time Received: 01/09/2012 11:45

Site Name: Cal Poly Dairy Farms

Source Name: Winter Forage

R Number: R 92449

Sample Type: Vegetation

<u>Sample ID</u>	<u>Sampling Point</u>	<u>Method</u>	<u>Parameter</u>	<u>Result ± CE</u>	<u>MDA₉₅</u>	<u>Units</u>
N12-0023-001	Harvested 4/1/11	HASL Ga-01-R	Cs-134	0.122 ± 0.00311	0.00603	pCi/g
N12-0023-001	Harvested 4/1/11	HASL Ga-01-R	Cs-137	0.177 ± 0.00507	0.0137	pCi/g
N12-0023-001	Harvested 4/1/11	HASL Ga-01-R	I-131	0.00517 ± 0.00624	0.0174	pCi/g
N12-0023-001	Harvested 4/1/11	HASL Ga-01-R	K-40	6.14 ± 0.147	0.228	pCi/g

1. Precision criteria for these methods were determined to be acceptable.

2. CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980

3. MDA₉₅ is the sample specific minimum detectable activity at the 95% confidence level, which is the LLD₉₅ divided by 2.22, the efficiency and the yield, and may include factors for abundance, decay and ingrowth, depending on the particular radionuclide. LLD₉₅ is defined in section 7020C, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.



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EDMUND G. BROWN JR.
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FINAL Analysis Results Report for Task ID. N12-0022

Analyst: Angela Tan

Analysis Approved By: Shiyamalie Ruberu

Analysis Approval Date: 01/19/2012

Requestor

Name: Steve Hsu

Organization: Radiologic Health Branch

Address: MS 7610, 1500 Capitol Avenue

City: Sacramento

State: CA

Zip Code: 95814-5006 Phone: 916-440-7940

Site and Sample Information

Collector's Name: Victoria Brandt

Date/Time Collected: 01/06/2012 15:28 Date/Time Received: 01/09/2012 11:45

Site Name: Cal Poly Dairy

Source Name: Corn Silage

R Number: R 92448

Sample Type: Vegetation

<u>Sample ID</u>	<u>Sampling Point</u>	<u>Method</u>	<u>Parameter</u>	<u>Result ± CE</u>	<u>MDA₉₅</u>	<u>Units</u>
N12-0022-001	Harvested 9/30/11	HASL Ga-01-R	Cs-134	-0.00124 ± 0.00437	0.0157	pCi/g
N12-0022-001	Harvested 9/30/11	HASL Ga-01-R	Cs-137	-0.00829 ± 0.00607	0.0160	pCi/g
N12-0022-001	Harvested 9/30/11	HASL Ga-01-R	I-131	0.0202 ± 0.00972	0.0285	pCi/g
N12-0022-001	Harvested 9/30/11	HASL Ga-01-R	K-40	2.92 ± 0.119	0.365	pCi/g

1. Precision criteria for these methods were determined to be acceptable.
2. CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980
3. MDA₉₅ is the sample specific minimum detectable activity at the 95% confidence level, which is the LLD₉₅ divided by 2.22, the efficiency and the yield, and may include factors for abundance, decay and ingrowth, depending on the particular radionuclide. LLD₉₅ is defined in section 7020C, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911		Date Received 11/9/12 11:45	Lab No. (Leave Blank) N/2-0023
		Date & Time Sampled 01/06/2012 1528HR	Serial Number R 92449
Collector Information Name: Cal Poly/Victoria Brandt Dept./Branch: CDPH/RHB Address: SACRAMENTO Telephone No.: 916-324-9437		Reporting Information Name: Steve Hsu Dept./Branch: CDPH/RHB Address: SACRAMENTO Telephone No.: 916-440-7940	
Sample Information System Name / Facility: Cal Poly Dairy Sampling Point (s): Winter forage System No.: Harvested 4/1/11		Billing Agency <input type="checkbox"/> DWFOB () <input checked="" type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- ☐ Drinking Water ☐ Groundwater ☐ Surface Water ☐ Wastewater
☐ Raw ☐ Water Treatment Plant (WTP) ☐ Distribution System ☐ Point of Use (POU)
☐ Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted
- ☐ Air Filters ☐ Seawater ☐ Sludge (Semi-solid Samples)
 Finishing: _____ Date/Time: _____
☐ Milk ☐ Soil/Sediment
 Starting: _____
☐ Wipes ☒ Biota (Type): Forage
 Net (M²): _____
☐ Radon Canister ☐ Other: _____
- ☐ Air Charcoal Cartridge

COMMENTS: (Cautions, etc.):

- ☐ Field Treatment: Preservatives added: _____ Iced/Frozen: _____ Other: _____
☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- ☐ Gross Alpha ☐ Gross Beta ☒ Gamma Scan*
☐ Total Uranium ☐ Total Beta (LSC) ☐ NORM (Gamma)
☐ Total Radium ☐ Tritium (³H) ☐ Isotopic Americium / Curium
☐ Radium-226 ☐ Carbon-14 ☐ Isotopic Plutonium
☐ Radium-228 ☐ Iodine-131 ☐ Isotopic Thorium
☐ Radon-222 ☐ Strontium-89, 90 ☐ Isotopic Uranium
☐ Other (Specify): _____ ☐ Nickel-63 ☐ Iron-55

CHAIN OF CUSTODY

- | | | | | | |
|----|------------------|-------------------------------|----------------------------|------------------|--------------------------------|
| 1. | Date: 1/6/2012 | Name (Print): Victoria Brandt | Signature: Victoria Brandt | Date: 01/08/2012 | Time Custody Released: 1941 HR |
| 2. | Date: 01/08/2012 | Name (Print): Jeffrey Wang | Signature: Jeffrey Wang | Date: 01/09/2012 | Time Custody Released: 14:54 |
| 3. | Date: 1/9/12 | Name (Print): S. P. U. P. U. | Signature: S. P. U. P. U. | Date: _____ | Time Custody Released: _____ |

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt:**
☐ Acceptable ☐ Broken Container ☐ Leaked in Transit ☐ Improper Container
☐ Holding Time Exceeded ☐ Sample Not Cooled ☐ Insufficient Sample
- B. Preservatives/Carriers:**
☐ Added While Sampling ☐ Added in Laboratory ☐ Not Added ☐ Not Applicable

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received 11/9/12 11:45	Lab No. (Leave Blank) M12-022
	Date & Time Sampled 01/06/2012 1528HR	Serial Number R 92448
Collector Information Name: Cal Poly/Victoria Brandt Dept./Branch: CDPH/RHB Address: Sacramento Telephone No.: 916-324-9437	Reporting Information Name: Steve Hsu Dept./Branch: CDPH/RHB Address: Sacramento Telephone No.: 916-440-7940	
Sample Information System Name / Facility: Cal Poly Dairy Sampling Point (s): Corn Silage System No.: Harvested 9/30/11	Billing Agency <input type="checkbox"/> DWFOB () <input checked="" type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- ☐ Drinking Water ☐ Groundwater ☐ Surface Water ☐ Wastewater
☐ Raw ☐ Water Treatment Plant (WTP) ☐ Distribution System ☐ Point of Use (POU)
☐ Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted
- ☐ Air Filters _____ Date/Time _____ ☐ Seawater ☐ Sludge (Semi-solid Samples)
 Finishing: _____ ☐ Milk ☐ Soil/Sediment
 Starting: _____ ☐ Wipes ☒ Biota (Type): Corn Silage
 Net (M³) _____ ☐ Radon Canister ☐ Other: _____
- ☒ Air Charcoal Cartridge

COMMENTS: (Cautions, etc.):

- ☐ Field Treatment: Preservatives added: _____ Iced/Frozen: _____ Other: _____
☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- ☐ Gross Alpha ☐ Gross Beta ☒ Gamma Scan
☐ Total Uranium ☐ Total Beta (LSC) ☐ NORM (Gamma)
☐ Total Radium ☐ Tritium (³H) ☐ Isotopic Americium / Curium
☐ Radium-226 ☐ Carbon-14 ☐ Isotopic Plutonium
☐ Radium-228 ☐ Iodine-131 ☐ Isotopic Thorium
☐ Radon-222 ☐ Strontium-89, 90 ☐ Isotopic Uranium
☐ Other (Specify): _____ ☐ Nickel-63 ☐ Iron-55

CHAIN OF CUSTODY

- | | | | |
|--------------------------------|-------------------------------|----------------------------|--------------------------------|
| 1. Date: 11/6/2012 | Name (Print): Victoria Brandt | Signature: Victoria Brandt | Date: 01/08/2012 |
| Time Custody Received: 1528 | Organization: CDPH RHB RA4 | Signature: Jeffrey Wong | Time Custody Released: 1941 HR |
| 2. Date: 01/08/2012 | Name (Print): Jeffery Wong | Signature: Jeffery Wong | Date: 01/09/2012 |
| Time Custody Received: 1941 HR | Organization: CDPH/RHB | Signature: S. Padern | Time Custody Released: 1145 HR |
| 3. Date: 11/9/12 | Name (Print): S. Padern | Signature: S. Padern | Date: _____ |
| Time Custody Received: 11:45 | Organization: DWELB | Signature: _____ | Time Custody Released: _____ |

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt:**
☐ Acceptable ☐ Broken Container ☐ Leaked in Transit ☐ Improper Container
☐ Holding Time Exceeded ☐ Sample Not Cooled ☐ Insufficient Sample
- B. Preservatives/Carriers:**
☐ Added While Sampling ☐ Added in Laboratory ☐ Not Added ☐ Not Applicable



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EDMUND G. BROWN JR.
Governor

FINAL Analysis Results Report for Task ID. N12-0093

Analyst: Angela Tan

Analysis Approved By: Shiyamalie Ruberu

Analysis Approval Date: 03/02/2012

Requestor

Name: Steve Hsu

Organization: Radiologic Health Branch

Address: MS 7610, 1500 Capitol Avenue

City: Sacramento

State: CA

Zip Code: 95814-5006 Phone: 916-440-7940

Site and Sample Information

Collector's Name: Tom Hook

Date/Time Collected: 02/06/2012 10:15 Date/Time Received: 02/07/2012 11:00

Site Name: Diablo Canyon NPP

Source Name: Biota / 1st Qtr 2012

R Number: R 92655

Sample Type: Vegetation

<u>Sample ID</u>	<u>Sampling Point</u>	<u>Method</u>	<u>Parameter</u>	<u>Result ± CE</u>	<u>MDA₉₅</u>	<u>Units</u>
N12-0093-001	Vegetation	HASL Ga-01-R	Dry Wt./Wet Wt.	0.151 ±		
N12-0093-001	Vegetation	HASL Ga-01-R	K-40	20.8 ± 0.491	0.675	pCi/g dry wt

1. Precision criteria for these methods were determined to be acceptable.

2. CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980

3. MDA₉₅ is the sample specific minimum detectable activity at the 95% confidence level, which is the LLD₉₅ divided by 2.22, the efficiency and the yield, and may include factors for abundance, decay and ingrowth, depending on the particular radionuclide. LLD₉₅ is defined in section 7020C, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received <u>2-7-12</u>	Lab No. (Leave Blank) <u>N12-0093</u>
	Date & Time Sampled <u>2-6-12 10:15</u>	Serial Number <u>R 92655</u>
Collector Information Name: Dept./Branch: <u>RT/+H</u> Address: Telephone No.:	Reporting Information Name: Dept./Branch: Address: Telephone No.:	
Sample Information System Name / Facility: <u>DCPP REMP/761</u> Sampling Point (s): System No.:	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- ☐ Drinking Water ☐ Groundwater ☐ Surface Water ☐ Wastewater
☐ Raw ☐ Water Treatment Plant (WTP) ☐ Distribution System ☐ Point of Use (POU)
☐ Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted
- ☐ Air Filters ☐ Seawater ☐ Sludge (Semi-solid Samples)
Finishing: _____ Date/Time _____
Starting: _____
Net (M³) _____
☐ Air Charcoal Cartridge
- ☐ Milk ☐ Soil/Sediment
☐ Wipes ☐ Biota (Type): Vegetation
☐ Radon Canister ☐ Other: _____

COMMENTS: (Cautions, etc.):

- ☐ Field Treatment: Preservatives added: _____ Iced/Frozen: _____ Other: _____
☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- | | | |
|---|--|--|
| <input type="checkbox"/> Gross Alpha | <input type="checkbox"/> Gross Beta | <input type="checkbox"/> Gamma Scan |
| <input type="checkbox"/> Total Uranium | <input type="checkbox"/> Total Beta (LSC) | <input type="checkbox"/> NORM (Gamma) |
| <input type="checkbox"/> Total Radium | <input type="checkbox"/> Tritium (³ H) | <input type="checkbox"/> Isotopic Americium / Curium |
| <input type="checkbox"/> Radium-226 | <input type="checkbox"/> Carbon-14 | <input type="checkbox"/> Isotopic Plutonium |
| <input type="checkbox"/> Radium-228 | <input type="checkbox"/> Iodine-131 | <input type="checkbox"/> Isotopic Thorium |
| <input type="checkbox"/> Radon-222 | <input type="checkbox"/> Strontium-89, 90 | <input type="checkbox"/> Isotopic Uranium |
| <input type="checkbox"/> Other (Specify): _____ | <input type="checkbox"/> Nickel-63 | <input type="checkbox"/> Iron-55 |

CHAIN OF CUSTODY

1.	Date _____	Name (Print) _____	Signature _____	Date _____
	Time Custody Received _____	Organization _____		Time Custody Released _____
2.	Date _____	Name (Print) _____	Signature _____	Date _____
	Time Custody Received _____	Organization _____		Time Custody Released _____
3.	Date <u>2-7-12</u>	Name (Print) <u>UA</u>	Signature <u>Victoria M. Ch</u>	Date _____
	Time Custody Received <u>11:00</u>	Organization <u>DWRLB</u>		Time Custody Released _____

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt: ≤ 0.01 mR/HR
- | | | | |
|--|--|--|---|
| <input type="checkbox"/> Acceptable | <input type="checkbox"/> Broken Container | <input type="checkbox"/> Leaked in Transit | <input type="checkbox"/> Improper Container |
| <input type="checkbox"/> Holding Time Exceeded | <input type="checkbox"/> Sample Not Cooled | <input type="checkbox"/> Insufficient Sample | |
- B. Preservatives/Carriers:
- | | | | |
|---|--|------------------------------------|---|
| <input type="checkbox"/> Added While Sampling | <input type="checkbox"/> Added in Laboratory | <input type="checkbox"/> Not Added | <input type="checkbox"/> Not Applicable |
|---|--|------------------------------------|---|



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Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804

Phone: (510) 620-2911 Fax: (510) 620-2940



FINAL Analysis Results Report for Task ID. 12-0758

Collector: Rick Treinen PO Box 56 Avila Beach CA 93424 Phone Number: 805-545-6481	RHB	Requestor: Roger Lupo CDPH - RHB, 1500 Capitol Av., MS 7610 Sacramento CA 95814-5006 Phone Number: 916-440-7955	RHB
Site/Project Name: Diablo Canoyon NPP / Milk / December 2012			
System No:	Billing Agency: RHB	Samples Received by Lab: 12/11/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0758-01	Sample ID: R 92367 Sample Type: Milk	Time Collected: 12/10/2012 07:30	Sampling Point: Cal Poly Dairy Farms	
I-131	EPA 901.1	0.272 +/- 0.864	2.40	pCi/L
K-40	EPA 901.1	1270 +/- 27.9	27.9	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radio-nuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received <u>12/10/12</u> <u>0730</u>	Lab No. (Leave Blank) <u>12-0758</u>
	Date & Time Sampled <u>12-11-12</u>	Serial Number <u>-R 92367</u>
Collector Information Name: <u>Rick Trainen</u> Dept./Branch: <u>PO Box 56</u> Address: <u>Avila Beach, CA 93424</u> Telephone No.: <u>805-545-6481</u>	Reporting Information Name: Dept./Branch: Address: Telephone No.:	
Sample Information System Name / Facility: <u>CAL POLY DAIRY</u> Sampling Point (s): <u>5F2</u> System No.:	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Groundwater | <input type="checkbox"/> Surface Water | <input type="checkbox"/> Wastewater |
| <input type="checkbox"/> Raw | <input type="checkbox"/> Water Treatment Plant (WTP) | <input type="checkbox"/> Distribution System | <input type="checkbox"/> Point of Use (POU) |
| <input type="checkbox"/> Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted | | | |
| <input type="checkbox"/> Air Filters | Date/Time | <input type="checkbox"/> Seawater | <input type="checkbox"/> Sludge (Semi-solid Samples) |
| Finishing: _____ | _____ | <input checked="" type="checkbox"/> Milk | <input type="checkbox"/> Soil/Sediment |
| Starting: _____ | _____ | <input type="checkbox"/> Wipes | <input type="checkbox"/> Biota (Type): _____ |
| Net (M ³): _____ | _____ | <input type="checkbox"/> Radon Canister | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Air Charcoal Cartridge | | | |

COMMENTS: (Cautions, etc.):

- ☒ Field Treatment: Preservatives added: Formaldehyde Iced/Frozen: _____ Other: _____
- ☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
- ☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- | | | |
|---|--|--|
| <input type="checkbox"/> Gross Alpha | <input type="checkbox"/> Gross Beta | <input type="checkbox"/> Gamma Scan |
| <input type="checkbox"/> Total Uranium | <input type="checkbox"/> Total Beta (LSC) | <input type="checkbox"/> NORM (Gamma) |
| <input type="checkbox"/> Total Radium | <input type="checkbox"/> Tritium (³ H) | <input type="checkbox"/> Isotopic Americium / Curium |
| <input type="checkbox"/> Radium-226 | <input type="checkbox"/> Carbon-14 | <input type="checkbox"/> Isotopic Plutonium |
| <input type="checkbox"/> Radium-228 | <input type="checkbox"/> Iodine-131 | <input type="checkbox"/> Isotopic Thorium |
| <input type="checkbox"/> Radon-222 | <input type="checkbox"/> Strontium-89, 90 | <input type="checkbox"/> Isotopic Uranium |
| <input type="checkbox"/> Other (Specify): _____ | <input type="checkbox"/> Nickel-63 | <input type="checkbox"/> Iron-55 |

CHAIN OF CUSTODY

- | | | | |
|---|--|---------------------------------|---|
| 1. <u>12/10/12</u>
Date
<u>0730</u>
Time Custody Received | <u>Rick Trainen</u>
Name (Print)
<u>PG&E</u>
Organization | <u>[Signature]</u>
Signature | <u>12/10/12</u>
Date
<u>1700</u>
Time Custody Released |
| 2. _____
Date
Time Custody Received | _____
Name (Print)
Organization | _____
Signature | _____
Date
Time Custody Released |
| 3. <u>12-10-12</u>
Date
<u>11:00</u>
Time Custody Received | <u>UA</u>
Name (Print)
<u>DWRIB</u>
Organization | <u>[Signature]</u>
Signature | _____
Date
Time Custody Released |

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt:
- | | | | |
|--|--|--|---|
| <input type="checkbox"/> Acceptable | <input type="checkbox"/> Broken Container | <input type="checkbox"/> Leaked in Transit | <input type="checkbox"/> Improper Container |
| <input type="checkbox"/> Holding Time Exceeded | <input type="checkbox"/> Sample Not Cooled | <input type="checkbox"/> Insufficient Sample | |
- B. Preservatives/Carriers:
- | | | | |
|---|--|------------------------------------|---|
| <input type="checkbox"/> Added While Sampling | <input type="checkbox"/> Added in Laboratory | <input type="checkbox"/> Not Added | <input type="checkbox"/> Not Applicable |
|---|--|------------------------------------|---|



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California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804

Phone: (510) 620-2911 Fax: (510) 620-2940



FINAL Analysis Results Report for Task ID. 12-0619

Collector: Orlando Sabi	PG&E	Requestor: Roger Lupo	RHB
P.O Box 56		CDPH - RHB, 1500 Capitol Av., MS 7610	
Avila Beach	CA 93424	Sacramento	CA 95814-5006
Phone Number: 805-545-4415		Phone Number: 916-440-7955	
Site/Project Name: Diablo Canoyon NPP / November 2012			
System No:	Billing Agency: RHB	Samples Received by Lab: 11/21/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0619-01	Sample ID: R 92291 Sample Type: Milk	Time Collected: 11/19/2012 09:15	Sampling Point: Cal Poly Dairy Farms	
I-131	EPA 901.1	0.247 +/- 0.557	1.54	pCi/L
K-40	EPA 901.1	1240 +/- 27.2	27.6	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radio-nuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received 11-21-12	Lab No. (Leave Blank) 112-0619
	Date & Time Sampled 11/19/12 0915	Serial Number R 92291
Collector Information Name: ORLANDO SABI Dept./Branch: P.O. BOX 56 Address: AVILA BEACH, CA. 93424	Reporting Information Name: Dept./Branch: Address:	
Telephone No.: 809545-4415	Telephone No.:	
Sample Information System Name / Facility: Sampling Point (s): CAL POLY DAIRY SF2	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	
System No.:		

TYPE OF SAMPLE (Check all applicable boxes)

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Groundwater | <input type="checkbox"/> Surface Water | <input type="checkbox"/> Wastewater |
| <input type="checkbox"/> Raw | <input type="checkbox"/> Water Treatment Plant (WTP) | <input type="checkbox"/> Distribution System | <input type="checkbox"/> Point of Use (POU) |
| <input type="checkbox"/> Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted | | | |
| <input type="checkbox"/> Air Filters | Date/Time | <input type="checkbox"/> Seawater | <input type="checkbox"/> Sludge (Semi-solid Samples) |
| Finishing: _____ | _____ | <input checked="" type="checkbox"/> Milk | <input type="checkbox"/> Soil/Sediment |
| Starting: _____ | _____ | <input type="checkbox"/> Wipes | <input type="checkbox"/> Biota (Type): _____ |
| Net (M ³) _____ | _____ | <input type="checkbox"/> Radon Canister | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Air Charcoal Cartridge | | | |

COMMENTS: (Cautions, etc.):

- ☐ Field Treatment: Preservatives added: EDMUND HAD Iced/Frozen: _____ Other: _____
- ☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
- ☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- | | | |
|---|--|--|
| <input type="checkbox"/> Gross Alpha | <input type="checkbox"/> Gross Beta | <input type="checkbox"/> Gamma Scan |
| <input type="checkbox"/> Total Uranium | <input type="checkbox"/> Total Beta (LSC) | <input type="checkbox"/> NORM (Gamma) |
| <input type="checkbox"/> Total Radium | <input type="checkbox"/> Tritium (³ H) | <input type="checkbox"/> Isotopic Americium / Curium |
| <input type="checkbox"/> Radium-226 | <input type="checkbox"/> Carbon-14 | <input type="checkbox"/> Isotopic Plutonium |
| <input type="checkbox"/> Radium-228 | <input type="checkbox"/> Iodine-131 | <input type="checkbox"/> Isotopic Thorium |
| <input type="checkbox"/> Radon-222 | <input type="checkbox"/> Strontium-89, 90 | <input type="checkbox"/> Isotopic Uranium |
| <input type="checkbox"/> Other (Specify): _____ | <input type="checkbox"/> Nickel-63 | <input type="checkbox"/> Iron-55 |

CHAIN OF CUSTODY

- | | | | |
|-----------------------------------|----------------------------------|------------------------------|--|
| 1. Date <u>11/19/12</u> | Name (Print) <u>ORLANDO SABI</u> | Signature <u>[Signature]</u> | Date <u>11/19/12</u> |
| Time Custody Received <u>0915</u> | Organization <u>PG & E</u> | | Time Custody Released <u>1700 0915</u> |
| 2. Date _____ | Name (Print) _____ | Signature _____ | Date _____ |
| Time Custody Received _____ | Organization _____ | Signature _____ | Time Custody Released _____ |
| 3. Date <u>11-21-12</u> | Name (Print) <u>UA</u> | Signature _____ | Date _____ |
| Time Custody Received <u>1140</u> | Organization <u>DWR CB</u> | | Time Custody Released _____ |

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt: ≤ 0.01 MR/LR
- | | | | |
|--|--|--|---|
| <input type="checkbox"/> Acceptable | <input type="checkbox"/> Broken Container | <input type="checkbox"/> Leaked in Transit | <input type="checkbox"/> Improper Container |
| <input type="checkbox"/> Holding Time Exceeded | <input type="checkbox"/> Sample Not Cooled | <input type="checkbox"/> Insufficient Sample | |
- B. Preservatives/Carriers:
- | | | | |
|---|--|------------------------------------|---|
| <input type="checkbox"/> Added While Sampling | <input type="checkbox"/> Added in Laboratory | <input type="checkbox"/> Not Added | <input type="checkbox"/> Not Applicable |
|---|--|------------------------------------|---|



State of California - Health and Human Services Agency
California Department of Public Health



Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804
Phone: (510) 620-2911 Fax: (510) 620-2940

FINAL Analysis Results Report for Task ID. 12-0508

Collector: Tom Hook P O Box 56 Avila Beach CA 93424 Phone Number: 805-545-4409	RHB	Requestor: Roger Lupo CDPH - RHB, 1500 Capitol Av., MS 7610 Sacramento CA 95814-5006 Phone Number: 916-440-7955	RHB
Site/Project Name: Diablo Canoyon NPP / Milk / October 2012			
System No:	Billing Agency: RHB	Samples Received by Lab: 10/10/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0508-01	Sample ID: R 92161 Sample Type: Milk	Time Collected: 10/9/2012 07:30	Sampling Point: Cal Poly Dairy Farms	
I-131	EPA 901.1	-0.0141 +/- 0.895	2.47	pCi/L
K-40	EPA 901.1	1330 +/- 29.0	29.3	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radio-nuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received 10-10-12	Lab No. (Leave Blank) 12-0508
	Date & Time Sampled 10/9/12 0730	Serial Number R 92161
Collector Information Name: <u>Tom Hook</u> Dept./Branch: <u>PP Box 56</u> Address: <u>Avila Beach, CA 93424</u> Telephone No.: <u>805-545-4409</u>	Reporting Information Name: _____ Dept./Branch: _____ Address: _____ Telephone No.: _____	
Sample Information System Name / Facility: <u>Cal Poly Dairy</u> Sampling Point (s): <u>SF2</u> System No.: _____	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> GDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- ☐ Drinking Water ☐ Groundwater ☐ Surface Water ☐ Wastewater
☐ Raw ☐ Water Treatment Plant (WTP) ☐ Distribution System ☐ Point of Use (POU)
☐ Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted
- ☐ Air Filters Date/Time _____ ☐ Seawater ☐ Sludge (Semi-solid Samples)
 Finishing: _____
 Starting: _____
 Net (M³) _____
☐ Air Charcoal Cartridge
- ☒ Milk ☐ Soil/Sediment
☐ Wipes ☐ Biota (Type): _____
☒ Radon Canister ☐ Other: _____

COMMENTS: (Cautions, etc.):

- ☒ Field Treatment: Preservatives added: Formaldehyde Cooled/Frozen: _____ Other: _____
☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- ☐ Gross Alpha ☐ Gross Beta ☐ Gamma Scan
☐ Total Uranium ☐ Total Beta (LSC) ☐ NORM (Gamma)
☐ Total Radium ☐ Tritium (³H) ☐ Isotopic Americium / Curium
☐ Radium-226 ☐ Carbon-14 ☐ Isotopic Plutonium
☐ Radium-228 ☐ Iodine-131 ☐ Isotopic Thorium
☐ Radon-222 ☐ Strontium-89, 90 ☐ Isotopic Uranium
☐ Other (Specify): _____ ☐ Nickel-63 ☐ Iron-55

CHAIN OF CUSTODY

- | | | | | |
|----|--------------------------------|------------------------------|---------------|-------------------------------|
| 1. | Date
10/9/12 | Name (Print)
Rich Treinen | Signature
 | Date
10/9/12 |
| | Time Custody Received
0730 | Organization
DGE | | Time Custody Released
1630 |
| 2. | Date | Name (Print) | Signature | Date |
| | Time Custody Received | Organization | | Time Custody Released |
| 3. | Date
10-10-12 | Name (Print)
UJA | Signature
 | Date |
| | Time Custody Received
10-30 | Organization
DWRLB | Signature | Time Custody Released |

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt:**
☐ Acceptable ☐ Broken Container ☐ Leaked in Transit ☐ Improper Container
☐ Holding Time Exceeded ☐ Sample Not Cooled ☐ Insufficient Sample
- B. Preservatives/Carriers:**
☐ Added While Sampling ☐ Added in Laboratory ☐ Not Added ☐ Not Applicable
- = 0.01 MR/HR



State of California - Health and Human Services Agency

California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804

Phone: (510) 620-2911 Fax: (510) 620-2940



FINAL Analysis Results Report for Task ID. 12-0457

Collector: Tom Hook	RHB	Requestor: Roger Lupo	RHB
P O Box 56		CDPH - RHB, 1500 Capitol Av., MS 7610	
Avila Beach CA 93424		Sacramento CA 95814-5006	
Phone Number: 805-545-4409		Phone Number: 916-440-7955	
Site/Project Name: Diablo Canoyon NPP / Milk / September 2012			
System No:	Billing Agency: RHB	Samples Received by Lab: 9/18/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0457-01	Sample ID: R 92267 Sample Type: Milk	Time Collected: 9/17/2012 09:00	Sampling Point: Cal Poly Dairy Farms	
I-131	EPA 901.1	0.386 +/- 0.515	1.43	pCi/L
K-40	EPA 901.1	1270 +/- 27.8	27.5	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radio-nuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received <u>9-18-12</u>	Lab No. (Leave Blank) <u>12-0457</u>
	Date & Time Sampled <u>9/17/12 0900</u>	Serial Number <u>R 92267</u>
Collector Information Name: <u>Tom Hook</u> Dept./Branch: <u>PO Box 56</u> Address: <u>Avila Beach, CA 93424</u> Telephone No.: <u>805-545-4409</u>	Reporting Information Name: _____ Dept./Branch: _____ Address: _____ Telephone No.: _____	
Sample Information System Name / Facility: <u>Cal Poly Dairy</u> Sampling Point (s): <u>SF2</u> System No.: _____	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- ☐ Drinking Water ☐ Groundwater ☐ Surface Water ☐ Wastewater
☐ Raw ☐ Water Treatment Plant (WTP) ☐ Distribution System ☐ Point of Use (POU)
☐ Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted
- ☐ Air Filters Date/Time _____ ☐ Seawater ☐ Sludge (Semi-solid Samples)
 Finishing: _____ ☐ Milk ☐ Soil/Sediment
 Starting: _____ ☐ Wipes ☐ Biota (Type): _____
 Net (M³) _____ ☐ Radon Canister ☐ Other: _____
☐ Air Charcoal Cartridge

COMMENTS: (Cautions, etc.):

- ☒ Field Treatment: Preservatives added: Formaldehyde ☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- ☐ Gross Alpha ☐ Gross Beta ☐ Gamma Scan
☐ Total Uranium ☐ Total Beta (LSC) ☐ NORM (Gamma)
☐ Total Radium ☐ Tritium (³H) ☐ Isotopic Americium / Curium
☐ Radium-226 ☐ Carbon-14 ☐ Isotopic Plutonium
☐ Radium-228 ☐ Iodine-131 ☐ Isotopic Thorium
☐ Radon-222* ☐ Strontium-89, 90 ☐ Isotopic Uranium
☐ Other (Specify): _____ ☐ Nickel-63 ☐ Iron-55

CHAIN OF CUSTODY

- | | | | | |
|----|---|--|------------------------------|--|
| 1. | Date <u>9/17/12</u>
Time Custody Received <u>0900</u> | Name (Print) <u>Rich Treinen</u>
Organization <u>PG&E</u> | Signature <u>[Signature]</u> | Date <u>9/17/12</u>
Time Custody Released <u>1700</u> |
| 2. | Date _____
Time Custody Received _____ | Name (Print) _____
Organization _____ | Signature _____ | Date _____
Time Custody Released _____ |
| 3. | Date <u>9-18-12</u>
Time Custody Received <u>11:30</u> | Name (Print) <u>UA</u>
Organization <u>DWRIB</u> | Signature _____ | Date _____
Time Custody Released _____ |

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt:
- ☐ Acceptable ☐ Broken Container ☐ Leaked in Transit ☐ Improper Container
☐ Holding Time Exceeded ☐ Sample Not Cooled ☐ Insufficient Sample
- B. Preservatives/Carriers:
- ☐ Added While Sampling ☐ Added in Laboratory ☐ Not Added ☐ Not Applicable



State of California - Health and Human Services Agency

California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804

Phone: (510) 620-2911 Fax: (510) 620-2940



FINAL Analysis Results Report for Task ID. 12-0592

Collector:	Gary Smits	RHB	Requestor:	Roger Lupo	RHB
	Lab 511, 9th St			CDPH - RHB, 1500 Capitol Av., MS 7610	
	Crescent City	CA 95531		Sacramento	CA 95814-5006
	Phone Number:			Phone Number:	916-440-7955
Site/Project Name: Rumiano Cheese / Milk / 3rd Qtr 2012					
System No:		Billing Agency: RHB		Samples Received by Lab: 11/6/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0592-01	Sample ID: R 92343 Sample Type: Milk	Time Collected: 11/5/2012 11:00	Sampling Point: Rumiano Chesse	
K-40	EPA 901.1	1240 +/- 30.0	37.0	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radio-nuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

3rd Qtr 2012

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received 11-6-12	Lab No. (Leave Blank) 12-05921
	Date & Time Sampled 11-5-12 11:00	Serial Number R 92343
Collector Information Name: GARY SMITS Dept./Branch: Address: Telephone No.: 707 465-1535	Reporting Information Name: Dept./Branch: Address: Telephone No.:	
Sample Information System Name / Facility: RUMIANO CHEESE CO Sampling Point (s): 51191ST FARM PICKUP System No.: 1 CRESCENT CITY C.A. 95531	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- ☐ Drinking Water ☐ Groundwater ☐ Surface Water ☐ Wastewater
☒ Raw ☐ Water Treatment Plant (WTP) ☐ Distribution System ☐ Point of Use (POU)
☐ Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted

- ☐ Air Filters Date/Time ☐ Seawater ☐ Sludge (Semi-solid Samples)
 Finishing: _____ ☒ Milk ☐ Soil/Sediment
 Starting: _____ ☐ Wipes ☐ Biota (Type): _____
 Net (M³) _____ ☐ Radon Canister ☐ Other: _____
☐ Air Charcoal Cartridge


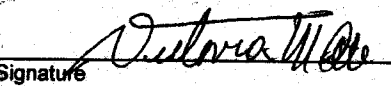
COMMENTS: (Cautions, etc.):

- ☐ Field Treatment: Preservatives added: _____ Cooled/Frozen: _____ Other: _____
☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- ☐ Gross Alpha ☐ Gross Beta* ☐ Gamma Scan
☐ Total Uranium ☐ Total Beta (LSC) ☐ NORM (Gamma)
☐ Total Radium ☐ Tritium (³H) ☐ Isotopic Americium / Curium
☐ Radium-226 ☐ Carbon-14 ☐ Isotopic Plutonium
☐ Radium-228 ☐ Iodine-131 ☐ Isotopic Thorium
☐ Radon-222 ☐ Strontium-89, 90 ☐ Isotopic Uranium
☐ Other (Specify): _____ ☐ Nickel-63 ☐ Iron-55

CHAIN OF CUSTODY

- | | | | | |
|----|---|--|---|---|
| 1. | Date
11-2-12 | Name (Print)
GARY SMITS | Signature
 | Date
11-5-12 |
| | Time Custody Received
11:00AM | Organization
Rumiano Cheese Co | | Time Custody Released
11:00AM |
| 2. | Date | Name (Print) | Signature | Date |
| | Time Custody Received | Organization | | Time Custody Released |
| 3. | Date
11-6-12 | Name (Print)
UA | Signature
 | Date |
| | Time Custody Received
10:30 | Organization
SWRLB | | Time Custody Released |

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt:**
☐ Acceptable ☐ Broken Container ☐ Leaked in Transit ☐ Improper Container
☐ Holding Time Exceeded ☐ Sample Not Cooled ☐ Insufficient Sample
- B. Preservatives/Carriers:**
☐ Added While Sampling ☐ Added in Laboratory ☐ Not Added ☐ Not Applicable



State of California - Health and Human Services Agency
California Department of Public Health



Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804
Phone: (510) 620-2911 Fax: (510) 620-2940

FINAL Analysis Results Report for Task ID. 12-0593

Collector: Chris Christensen	RHB	Requestor: Roger Lupo	RHB
	CA	CDPH - RHB, 1500 Capitol Av., MS 7610	
Phone Number: 707-299-8761		Sacramento CA 95814-5006	
		Phone Number: 916-440-7955	
Site/Project Name: Humboldt Creamery / Milk / 3rd Qtr 2012			
System No:	Billing Agency: RHB	Samples Received by Lab: 11/6/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0593-01	Sample ID: R 92342 Sample Type: Milk	Time Collected: 11/5/2012 07:20	Sampling Point: Humboldt Creamery	
K-40	EPA 901.1	1220 +/- 33.4	58.4	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radio-nuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received 11-5-12	Lab No. (Leave Blank) 12-0503
	Date & Time Sampled 11-5-12 1720	Serial Number R 92342
Collector Information Name: Chris Christensen Dept./Branch: C D F A Address: 231 Annaly Dr Fortuna CA 95540 Telephone No.: 707-299-8768	Reporting Information Name: Milk & Dairy Food Safety Branch Dept./Branch: 1220 N Street Address: SACRAMENTO 95814 Telephone No.:	
Sample Information System Name / Facility: Humboldt Creamery Sampling Point (s): 572 Highway 1 Fortuna CA 95540 System No.:	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- ☐ Drinking Water ☐ Groundwater ☐ Surface Water ☐ Wastewater
☐ Raw ☐ Water Treatment Plant (WTP) ☐ Distribution System ☐ Point of Use (POU)
☐ Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted
- ☐ Air Filters Date/Time ☐ Seawater ☐ Sludge (Semi-solid Samples)
 Finishing: _____ ☒ Milk ☐ Soil/Sediment
 Starting: _____ ☐ Wipes ☐ Biota (Type): _____
 Net (M³) _____ ☐ Radon Canister ☐ Other: _____
☐ Air Charcoal Cartridge

COMMENTS: (Cautions, etc.):

- ☐ Field Treatment: Preservatives added: _____ Red/Frozen: _____ Other: _____
☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- ☐ Gross Alpha ☐ Gross Beta ☐ Gamma Scan
☐ Total Uranium ☐ Total Beta (LSC) ☐ NORM (Gamma)
☐ Total Radium ☐ Tritium (³H) ☐ Isotopic Americium / Curium
☐ Radium-226 ☐ Carbon-14 ☐ Isotopic Plutonium
☐ Radium-228 ☐ Iodine-131 ☐ Isotopic Thorium
☐ Radon-222 ☐ Strontium-89, 90 ☐ Isotopic Uranium
☐ Other (Specify): _____ ☐ Nickel-63 ☐ Iron-55

CHAIN OF CUSTODY

- | | | | |
|---------------------------------------|---|---------------------------------|---------------------------------------|
| 1. <u>11-5-12</u>
Date | <u>Michael Bronnenberg</u>
Name (Print) | <u>[Signature]</u>
Signature | <u>11-5-12</u>
Date |
| <u>0715</u>
Time Custody Received | <u>Humboldt Creamery</u>
Organization | | <u>0720</u>
Time Custody Released |
| 2. <u>11-5-12</u>
Date | <u>Chris Christensen</u>
Name (Print) | <u>[Signature]</u>
Signature | <u>11-5-12</u>
Date |
| <u>0720</u>
Time Custody Received | <u>Milk & Dairy Food Safety</u>
Organization | | <u>0725</u>
Time Custody Released |
| 3. <u>11-5-12</u>
Date | <u>CA</u>
Name (Print) | <u>[Signature]</u>
Signature | <u>11-5-12</u>
Date |
| <u>10:30</u>
Time Custody Received | <u>DWR L B</u>
Organization | | <u>10:30</u>
Time Custody Released |

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt:**
☐ Acceptable ☐ Broken Container ☐ Leaked in Transit ☐ Improper Container
☐ Holding Time Exceeded ☐ Sample Not Cooled ☐ Insufficient Sample
- B. Preservatives/Carriers:**
☐ Added While Sampling ☐ Added in Laboratory ☐ Not Added ☐ Not Applicable



State of California - Health and Human Services Agency
California Department of Public Health



Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804
Phone: (510) 620-2911 Fax: (510) 620-2940

FINAL Analysis Results Report for Task ID. 12-0337

Collector: Chris Christensen	RHB	Requestor: Roger Lupo	RHB
	CA	CDPH - RHB, 1500 Capitol Av., MS 7610	
Phone Number: 707-299-8761		Sacramento CA 95814-5006	
Site/Project Name: Humboldt Creamery / 3rd Qtr Milk		Phone Number: 916-440-7955	
System No:	Billing Agency: RHB	Samples Received by Lab: 8/10/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0337-01	Sample ID: R 92162 Sample Type: Milk	Time Collected: 8/8/2012 10:00	Sampling Point: Humboldt Creamery	
K-40	EPA 901.1	1300 +/- 28.8	33.0	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radio-nuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received <u>8-10-12</u>	Lab No. (Leave Blank) <u>12-0337</u>
	Date & Time Sampled <u>8-8-12 1000</u>	Serial Number <u>R 92162</u>
Collector Information Name: <u>Chris Christensen</u> Dept./Branch: Address: <u>231 Anahay Dr</u> <u>Fortuna CA 95540</u> Telephone No.:	Reporting Information Name: <u>Milk & Dairy Food Safety Branch</u> Dept./Branch: <u>1220 N Street</u> Address: <u>Sacramento CA 95814</u> Telephone No.:	
Sample Information System Name / Facility: <u>Humboldt Creamery</u> Sampling Point (s): <u>572 Highway 1</u> System No.: <u>Fortuna CA 95540</u>	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Groundwater | <input type="checkbox"/> Surface Water | <input type="checkbox"/> Wastewater |
| <input type="checkbox"/> Raw | <input type="checkbox"/> Water Treatment Plant (WTP) | <input type="checkbox"/> Distribution System | <input type="checkbox"/> Point of Use (POU) |
| <input type="checkbox"/> Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted | | | |
| <input type="checkbox"/> Air Filters | Date/Time | <input checked="" type="checkbox"/> Seawater | <input type="checkbox"/> Sludge (Semi-solid Samples) |
| Finishing: _____ | _____ | <input checked="" type="checkbox"/> Milk | <input type="checkbox"/> Soil/Sediment |
| Starting: _____ | _____ | <input type="checkbox"/> Wipes | <input type="checkbox"/> Biota (Type): _____ |
| Net (M ³) _____ | _____ | <input type="checkbox"/> Radon Canister | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Air Charcoal Cartridge | | | |

COMMENTS: (Cautions, etc.):

- ☐ Field Treatment: Preservatives added: _____ Iced/Frozen: _____ Other: _____
- ☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
- ☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- | | | |
|---|--|--|
| <input type="checkbox"/> Gross Alpha | <input type="checkbox"/> Gross Beta | <input type="checkbox"/> Gamma Scan |
| <input type="checkbox"/> Total Uranium | <input type="checkbox"/> Total Beta (LSC) | <input type="checkbox"/> NORM (Gamma) |
| <input type="checkbox"/> Total Radium | <input type="checkbox"/> Tritium (³ H) | <input type="checkbox"/> Isotopic Americium / Curium |
| <input type="checkbox"/> Radium-226 | <input type="checkbox"/> Carbon-14 | <input type="checkbox"/> Isotopic Plutonium |
| <input type="checkbox"/> Radium-228 | <input type="checkbox"/> Iodine-131 | <input type="checkbox"/> Isotopic Thorium |
| <input type="checkbox"/> Radon-222 | <input type="checkbox"/> Strontium-89, 90 | <input type="checkbox"/> Isotopic Uranium |
| <input type="checkbox"/> Other (Specify): _____ | <input type="checkbox"/> Nickel-63 | <input type="checkbox"/> Iron-55 |

CHAIN OF CUSTODY

- | | | | |
|--------------------------------------|---|---------------------------------|---------------------------------------|
| 1. <u>8-8-12</u>
Date | <u>Karl Crandall Jr</u>
Name (Print) | <u>[Signature]</u>
Signature | <u>8-8-12</u>
Date |
| <u>1000</u>
Time Custody Received | <u>Humboldt Creamery</u>
Organization | | <u>1015</u>
Time Custody Released |
| 2. <u>8-8-12</u>
Date | <u>Chris Christensen</u>
Name (Print) | <u>[Signature]</u>
Signature | <u>8-8-12</u>
Date |
| <u>1015</u>
Time Custody Received | <u>Milk & Dairy Food Safety</u>
Organization | | <u>10-20</u>
Time Custody Released |
| 3. <u>8-10-12</u>
Date | <u>U A</u>
Name (Print) | <u>[Signature]</u>
Signature | <u>10-20</u>
Date |
| <u>9:00</u>
Time Custody Received | <u>DWR CB</u>
Organization | | <u>10-20</u>
Time Custody Released |

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt:**
- | | | | |
|--|--|--|---|
| <input type="checkbox"/> Acceptable | <input type="checkbox"/> Broken Container | <input type="checkbox"/> Leaked in Transit | <input type="checkbox"/> Improper Container |
| <input type="checkbox"/> Holding Time Exceeded | <input type="checkbox"/> Sample Not Cooled | <input type="checkbox"/> Insufficient Sample | |
- B. Preservatives/Carriers:**
- | | | | |
|---|--|------------------------------------|---|
| <input type="checkbox"/> Added While Sampling | <input type="checkbox"/> Added in Laboratory | <input type="checkbox"/> Not Added | <input type="checkbox"/> Not Applicable |
|---|--|------------------------------------|---|
- ≈ 0.01 MR/HR



State of California - Health and Human Services Agency
California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804
Phone: (510) 620-2911 Fax: (510) 620-2940



FINAL Analysis Results Report for Task ID. 12-0329

Collector: Gary Smits	RHB	Requestor: Roger Lupo	RHB
Lab 511, 9th St		CDPH - RHB, 1500 Capitol Av., MS 7610	
Crescent City CA 95531		Sacramento CA 95814-5006	
Phone Number:		Phone Number: 916-440-7955	
Site/Project Name: Rumiano Cheese / 3rd Qtr 2012 Milk			
System No:	Billing Agency: RHB	Samples Received by Lab: 8/7/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0329-01	Sample ID: R 92159	Time Collected: 8/6/2012 08:49	Sampling Point: Rumiano Cheese	
	Sample Type: Milk			
K-40	EPA 901.1	1330 +/- 31.2	45.9	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radio-nuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch
850 Marina Bay Parkway, G164
Richmond, CA 94804
510-620-2911

Date Received

Lab No. (Leave Blank)

Date & Time Sampled

Serial Number

Collector Information

Name: GARY SMITS

Dept./Branch: LAB

Address: 5112A
CRESCENT CITY C.A. 95531

Telephone No.:

Reporting Information

Name:

Dept./Branch:

Address:

Telephone No.:

Sample Information

System Name / Facility: RUMIANO CHEESE CO

Sampling Point (s): FARM PICK UP

System No.: LOAD #1

Billing Agency

☐ DWFOB ()☐ RHB☐ RWQCB ()☒ DTSC☐ DWTPB☐ FDB☐ DWR☐ CDFG☐ EMB☐ Other (Specify) _____

TYPE OF SAMPLE (Check all applicable boxes)

☐ Drinking Water☐ Groundwater☒ Raw☐ Water Treatment Plant (WTP)☐ Surface Water☐ Distribution System☐ Wastewater☐ Point of Use (POU)☐ Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxizone / Fluoridated / Coagulated / pH Adjusted☐ Air Filters

Date/Time

☐ Seawater☐ Sludge (Semi-solid Samples)

Finishing: _____

☒ Milk☐ Soil/Sediment

Starting: _____

☐ Wipes☐ Biota (Type): _____Net (M³) _____☐ Radon Canister☐ Other: _____☐ Air Charcoal Cartridge

COMMENTS: (Cautions, etc.):

☐ Field Treatment: Preservatives added: _____

Iced/Frozen: _____

Other: _____

☐ Field Measurement: _____ mR/hr☐ Radionuclide(s), if known: _____☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

☐ Gross Alpha☐ Gross Beta☐ Gamma Scan☐ Total Uranium☐ Total Beta (LSC)☐ NORM (Gamma)☐ Total Radium☐ Tritium (³H)☐ Isotopic Americium / Curium☐ Radium-226☐ Carbon-14☐ Isotopic Plutonium☐ Radium-228☐ Iodine-131☐ Isotopic Thorium☐ Radon-222☐ Strontium-89, 90☐ Isotopic Uranium☐ Other (Specify): _____☐ Nickel-63☐ Iron-55

CHAIN OF CUSTODY

1. Date: 8-3-12
Time Custody Received: 3:00 PMName (Print): GARY SMITS
Organization: RUMIANO CHEESE CO

Signature: Gary Smits

Date: 8-6-12
Time Custody Released: 9:00 AM2. Date: _____
Time Custody Received: _____Name (Print): _____
Organization: _____

Signature: _____

Date: _____
Time Custody Released: _____3. Date: 8-7-12
Time Custody Received: 1:00 PMName (Print): J.A.
Organization: DWRLB

Signature: Victoria M. Cole

Date: _____
Time Custody Released: _____

LABORATORY REMARKS (Leave Blank)

A. Condition at Time of Receipt:

☐ Acceptable☐ Holding Time Exceeded☐ Broken Container☐ Sample Not Cooled☐ Leaked in Transit☐ Insufficient Sample☐ Improper Container

B. Preservatives/Carriers:

☐ Added While Sampling☐ Added in Laboratory☐ Not Added☐ Not Applicable



State of California - Health and Human Services Agency

California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804

Phone: (510) 620-2911 Fax: (510) 620-2940



FINAL Analysis Results Report for Task ID. 12-0328

Collector: Tom Hook	RHB	Requestor: Roger Lupo	RHB
P O Box 56		CDPH - RHB, 1500 Capitol Av., MS 7610	
Avila Beach	CA 93424	Sacramento	CA 95814-5006
Phone Number: 805-545-4409		Phone Number: 916-440-7955	
Site/Project Name: Diablo Canyon NPP / Milk / August 2012			
System No:	Billing Agency: RHB	Samples Received by Lab: 8/7/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0328-01	Sample ID: R 92141	Time Collected: 8/6/2012 07:15	Sampling Point: Cal Poly Dairy	
	Sample Type: Milk			
I-131	EPA 901.1	0.277 +/- 0.637	1.77	pCi/L
K-40	EPA 901.1	1310 +/- 28.5	27.0	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radionuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received 8-7-12	Lab No. (Leave Blank) 12-0328
	Date & Time Sampled 8/6/12 0715	Serial Number R 92141
Collector Information Name: <u>Tara Hook</u> Dept./Branch: <u>PO Box 56</u> Address: <u>Avila Beach CA 93424</u> Telephone No.: <u>805-545-4409</u>	Reporting Information Name: Dept./Branch: Address: Telephone No.:	
Sample Information System Name / Facility: <u>Cal Poly Dairy</u> Sampling Point (s): System No.: <u>SF2</u>	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- ☐ Drinking Water ☐ Groundwater ☐ Surface Water ☐ Wastewater
☐ Raw ☐ Water Treatment Plant (WTP) ☐ Distribution System ☐ Point of Use (POU)
☐ Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted
- ☐ Air Filters ☐ Seawater ☐ Sludge (Semi-solid Samples)
Finishing: _____ Date/Time _____
Starting: _____
Net (M³) _____
☐ Air Charcoal Cartridge ☒ Milk ☐ Soil/Sediment
☐ Wipes ☐ Biota (Type): _____
☐ Radon Canister ☐ Other: Dairy

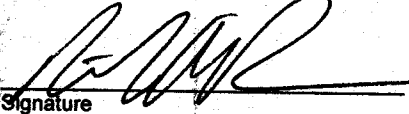
COMMENTS: (Cautions, etc.):

- ☒ Field Treatment: Preservatives added: Formaldehyde ☐ Iced/Frozen: _____ ☐ Other: _____
☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- ☐ Gross Alpha ☐ Gross Beta ☐ Gamma Scan
☐ Total Uranium ☐ Total Beta (LSC) ☐ NORM (Gamma)
☐ Total Radium ☐ Tritium (³H) ☐ Isotopic Americium / Curium
☐ Radium-226 ☐ Carbon-14 ☐ Isotopic Plutonium
☐ Radium-228 ☐ Iodine-131 ☐ Isotopic Thorium
☐ Radon-222 ☐ Strontium-89, 90 ☐ Isotopic Uranium
☐ Other (Specify): _____ ☐ Nickel-63 ☐ Iron-55

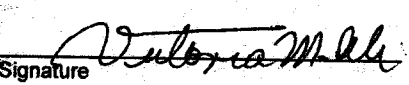
CHAIN OF CUSTODY

- | | | | | |
|----|---|--|---|---|
| 1. | Date
<u>8/6/12</u>
<u>0715</u> | Name (Print)
<u>Rick Treinen</u>
<u>PG&E</u> | Signature
 | Date
<u>8/6/12</u>
<u>1700</u> |
| 2. | Date

Time Custody Received
_____ | Name (Print)

Organization
_____ | Signature

Time Custody Released
_____ | Date

Time Custody Released
_____ |
| 3. | Date
<u>8-7-12</u>
<u>11:00</u> | Name (Print)
<u>VA</u>
<u>DWR/LB</u> | Signature
 | Date

Time Custody Released
_____ |

LABORATORY REMARKS (Leave Blank)

A. Condition at Time of Receipt:

- ☐ Acceptable ☐ Broken Container ☐ Leaked in Transit ☐ Improper Container
☐ Holding Time Exceeded ☐ Sample Not Cooled ☐ Insufficient Sample

B. Preservatives/Carriers:

- ☐ Added While Sampling ☐ Added in Laboratory ☐ Not Added ☐ Not Applicable



State of California - Health and Human Services Agency

California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804

Phone: (510) 620-2911 Fax: (510) 620-2940



FINAL Analysis Results Report for Task ID. 12-0253

Collector: Tom Hook	RHB	Requestor: Roger Lupo	RHB
P O Box 56		CDPH - RHB, 1500 Capitol Av., MS 7610	
Avila Beach CA 93424		Sacramento CA 95814-5006	
Phone Number: 805-545-4409		Phone Number: 916-440-7955	
Site/Project Name: Diablo Canoyon NPP / Milk / July 2012			
System No:	Billing Agency: RHB	Samples Received by Lab: 7/11/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0253-01	Sample ID: R 92142	Time Collected: 7/10/2012 13:05	Sampling Point: Cal Poly Dairy	
	Sample Type: Milk			
I-131	EPA 901.1	-0.171 +/- 0.653	1.98	pCi/L
K-40	EPA 901.1	1310 +/- 30.6	45.2	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radio-nuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received 7-11-12	Lab No. (Leave Blank) 12-0253
	Date & Time Sampled 7/10/12 1305	Serial Number R 92142
Collector Information Name: Tom Hook Dept./Branch: P.O. Box 56 Address: AVILA BEACH, CA 93424 Telephone No.: (805) 545-4409	Reporting Information Name: Dept./Branch: Address: Telephone No.:	
Sample Information System Name / Facility: Sampling Point (s): System No.:	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- ☐ Drinking Water ☐ Groundwater ☐ Surface Water ☐ Wastewater
☐ Raw ☐ Water Treatment Plant (WTP) ☐ Distribution System ☐ Point of Use (POU)
☐ Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted
- ☐ Air Filters Date/Time ☒ Seawater ☐ Sludge (Semi-solid Samples)
 Finishing: _____ ☒ Milk ☐ Soil/Sediment
 Starting: _____ ☐ Wipes ☐ Biota (Type): _____
 Net (M³) _____ ☒ Radon Canister ☐ Other: _____
☐ Air Charcoal Cartridge

COMMENTS: (Cautions, etc.):

- ☐ Field Treatment: Preservatives added: _____ Cooled/Frozen: _____ Other: _____
☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- ☐ Gross Alpha ☐ Gross Beta ☐ Gamma Scan
☐ Total Uranium ☐ Total Beta (ESC) ☐ NORM (Gamma)
☐ Total Radium ☐ Tritium (³H) ☐ Isotopic Americium / Curium
☐ Radium-226 ☐ Carbon-14 ☐ Isotopic Plutonium
☐ Radium-228 ☐ Iodine-131 ☐ Isotopic Thorium
☐ Radon-222 ☐ Strontium-89, 90 ☐ Isotopic Uranium
☐ Other (Specify): _____ ☒ Nickel-63 ☐ Iron-55

CHAIN OF CUSTODY

- | | | | | |
|----|-----------------------------------|------------------------------|-----------------|-----------------------------------|
| 1. | Date 7/10/12 | Name (Print) Tom Hook | Signature | Date 7/10/12 |
| | Time Custody Received 1305 | Organization PG&E | | Time Custody Released 1630 |
| 2. | Date _____ | Name (Print) _____ | Signature _____ | Date _____ |
| | Time Custody Received _____ | Organization _____ | | Time Custody Released _____ |
| 3. | Date 7-11-12 | Name (Print) VA | Signature | Date _____ |
| | Time Custody Received 2pm | Organization DWRLB | | Time Custody Released _____ |

LABORATORY REMARKS (Leave Blank)

A. Condition at Time of Receipt:

- ☐ Acceptable ☐ Broken Container ☐ Leaked in Transit ☐ Improper Container
☐ Holding Time Exceeded ☐ Sample Not Cooled ☐ Insufficient Sample

B. Preservatives/Carriers:

- ☐ Added While Sampling ☐ Added in Laboratory ☐ Not Added ☐ Not Applicable



State of California - Health and Human Services Agency
California Department of Public Health



Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804
Phone: (510) 620-2911 Fax: (510) 620-2940

FINAL Analysis Results Report for Task ID. 12-0198

Collector: Tom Hook P O Box 56 Avila Beach CA 93424 Phone Number: 805-545-4409	RHB	Requestor: Roger Lupo CDPH - RHB, 1500 Capitol Av., MS 7610 Sacramento CA 95814-5006 Phone Number: 916-440-7955	RHB
Site/Project Name: Diablo Canyon NPP / Milk / June 2012			
System No:		Billing Agency: RHB	
		Samples Received by Lab: 6/14/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0198-01	Sample ID: R 92047 Sample Type: Milk	Time Collected: 6/12/2012 07:15	Sampling Point: Cal Poly Dairy Farms	
K-40	EPA 901.1	1290 +/- 28.3	28.5	pCi/L
I-131	EPA 901.1	1.10 +/- 0.793	2.23	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radio-nuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received 6/14/12	Lab No. (Leave Blank) 12-0198
	Date & Time Sampled 6/12/12 0715	Serial Number R 92047
Collector Information Name: Tom Hook Dept./Branch: PO Box 56 Address: Avila Beach, CA 93424 Telephone No.: 805-545-4409	Reporting Information Name: Dept./Branch: Address: Telephone No.:	
Sample Information System Name / Facility: Sampling Point (s): System No.:	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Groundwater | <input type="checkbox"/> Surface Water | <input type="checkbox"/> Wastewater |
| <input type="checkbox"/> Raw | <input type="checkbox"/> Water Treatment Plant (WTP) | <input type="checkbox"/> Distribution System | <input type="checkbox"/> Point of Use (POU) |
| <input type="checkbox"/> Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted | | | |
| <input type="checkbox"/> Air Filters | Date/Time | <input type="checkbox"/> Seawater | <input type="checkbox"/> Sludge (Semi-solid Samples) |
| Finishing: _____ | _____ | <input checked="" type="checkbox"/> Milk | <input type="checkbox"/> Soil/Sediment |
| Starting: _____ | _____ | <input type="checkbox"/> Wipes | <input type="checkbox"/> Biota (Type): _____ |
| Net (M ³) _____ | _____ | <input type="checkbox"/> Radon Canister | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Air Charcoal Cartridge | | | |

COMMENTS: (Cautions, etc.):

- ☒ Field Treatment: Preservatives added: Formaldehyde Cooled/Frozen: _____ Other: _____
- ☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
- ☐ Rush/Priority (should be prearranged and have supervisory approval) ☒

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- | | | |
|---|--|--|
| <input type="checkbox"/> Gross Alpha | <input type="checkbox"/> Gross Beta | <input type="checkbox"/> Gamma Scan |
| <input type="checkbox"/> Total Uranium | <input type="checkbox"/> Total Beta (LSC) | <input type="checkbox"/> NORM (Gamma) |
| <input type="checkbox"/> Total Radium | <input type="checkbox"/> Tritium (³ H) | <input type="checkbox"/> Isotopic Americium / Curium |
| <input type="checkbox"/> Radium-226 | <input type="checkbox"/> Carbon-14 | <input type="checkbox"/> Isotopic Plutonium |
| <input type="checkbox"/> Radium-228 | <input type="checkbox"/> Iodine-131 | <input type="checkbox"/> Isotopic Thorium |
| <input type="checkbox"/> Radon-222 | <input type="checkbox"/> Strontium-89, 90 | <input type="checkbox"/> Isotopic Uranium |
| <input type="checkbox"/> Other (Specify): _____ | <input type="checkbox"/> Nickel-63 | <input type="checkbox"/> Iron-55 |

CHAIN OF CUSTODY

- | | | | |
|--|--|------------------|--|
| 1. Date: 6/12/12
Time Custody Received: 0715 | Name (Print): Rick Treinen
Organization: PG&E | Signature: | Date: 6/12/12
Time Custody Released: 1630 |
| 2. Date: _____
Time Custody Received: _____ | Name (Print): _____
Organization: _____ | Signature: _____ | Date: _____
Time Custody Released: _____ |
| 3. Date: 6/14/12
Time Custody Received: 6/14/12 3:15 PM | Name (Print): Liang Yang
Organization: DWRLB | Signature: | Date: _____
Time Custody Released: _____ |

LABORATORY REMARKS (Leave Blank)

- | | | | |
|--|--|--|---|
| A. Condition at Time of Receipt: | | | |
| <input type="checkbox"/> Acceptable | <input type="checkbox"/> Broken Container | <input type="checkbox"/> Leaked in Transit | <input type="checkbox"/> Improper Container |
| <input type="checkbox"/> Holding Time Exceeded | <input type="checkbox"/> Sample Not Cooled | <input type="checkbox"/> Insufficient Sample | |
| B. Preservatives/Carriers: | | | |
| <input checked="" type="checkbox"/> Added While Sampling | <input type="checkbox"/> Added in Laboratory | <input type="checkbox"/> Not Added | <input type="checkbox"/> Not Applicable |



State of California - Health and Human Services Agency

California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804

Phone: (510) 620-2911 Fax: (510) 620-2940



FINAL Analysis Results Report for Task ID. 12-0103

Collector: Tom Hook	RHB	Requestor: Steve Hsu	RHB
P O Box 56		1500 Capitol Avenue, MS 7610	
Avila Beach CA 93424		Sacramento CA 95814-5006	
Phone Number: 805-545-4409		Phone Number: 916-440-7940	
Site/Project Name: DCNPP / Milk / May 2012			
System No:	Billing Agency: RHB	Samples Received by Lab: 5/8/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0103-01	Sample ID: R 92018 Sample Type: Milk	Time Collected: 5/7/2012 07:52	Sampling Point: Cal Poly Dairy Farms	
I-131	EPA 901.1	0.127 +/- 0.519	1.44	pCi/L
K-40	EPA 901.1	1290 +/- 28.2	28.4	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radio-nuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received 5/8/12	Lab No. (Leave Blank) 12 - 0103
	Date & Time Sampled 5/7/12 0752	Serial Number R 92018
Collector Information Name: Tom Hook Dept./Branch: P.O. Box 56 Address: AVILA BEACH, CA 94124 Telephone No.: (805) 545-4409	Reporting Information Name: Dept./Branch: Address: Telephone No.:	
Sample Information System Name / Facility: CAL POLY DAIRY Sampling Point (s): 5F2 System No.:	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Groundwater | <input type="checkbox"/> Surface Water | <input type="checkbox"/> Wastewater |
| <input type="checkbox"/> Raw | <input type="checkbox"/> Water Treatment Plant (WTP) | <input type="checkbox"/> Distribution System | <input type="checkbox"/> Point of Use (POU) |
| <input type="checkbox"/> Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted | | | |
| <input type="checkbox"/> Air Filters | Date/Time | <input type="checkbox"/> Seawater | <input type="checkbox"/> Sludge (Semi-solid Samples) |
| Finishing: _____ | _____ | <input checked="" type="checkbox"/> Milk | <input type="checkbox"/> Soil/Sediment |
| Starting: _____ | _____ | <input type="checkbox"/> Wipes | <input type="checkbox"/> Biota (Type): _____ |
| Net (M ³) _____ | _____ | <input type="checkbox"/> Radon Canister | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Air Charcoal Cartridge | | | |

COMMENTS: (Cautions, etc.):

- | | | |
|--|---|--------------|
| <input type="checkbox"/> Field Treatment: Preservatives added: _____ | Cold/Frozen: _____ | Other: _____ |
| <input checked="" type="checkbox"/> Field Measurement: _____ mR/hr | <input type="checkbox"/> Radionuclide(s), if known: _____ | |
| <input type="checkbox"/> Rush/Priority (should be prearranged and have supervisory approval) | | |

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- | | | |
|---|--|--|
| <input type="checkbox"/> Gross Alpha | <input type="checkbox"/> Gross Beta | <input type="checkbox"/> Gamma Scan |
| <input type="checkbox"/> Total Uranium | <input type="checkbox"/> Total Beta (TSC) | <input type="checkbox"/> NORM (Gamma) |
| <input type="checkbox"/> Total Radium | <input type="checkbox"/> Tritium (³ H) | <input type="checkbox"/> Isotopic Americium / Curium |
| <input type="checkbox"/> Radium-226 | <input type="checkbox"/> Carbon-14 | <input type="checkbox"/> Isotopic Plutonium |
| <input type="checkbox"/> Radium-228 | <input type="checkbox"/> Iodine-131 | <input type="checkbox"/> Isotopic Thorium |
| <input type="checkbox"/> Radon-222 | <input type="checkbox"/> Strontium-89, 90 | <input type="checkbox"/> Isotopic Uranium |
| <input type="checkbox"/> Other (Specify): _____ | <input type="checkbox"/> Nickel-63 | <input type="checkbox"/> Iron-55 |

CHAIN OF CUSTODY

- | | | |
|------------------------------|------------------------|------------------------------|
| 1. Date: 5/7/12 | Name (Print): Tom Hook | Date: 5/7/12 |
| Time Custody Received: 0752 | Organization: PG&E | Time Custody Released: 1700 |
| Signature: _____ | Signature: _____ | Signature: _____ |
| 2. Date: _____ | Name (Print): _____ | Date: _____ |
| Time Custody Received: _____ | Organization: _____ | Time Custody Released: _____ |
| Signature: _____ | Signature: _____ | Signature: _____ |
| 3. Date: 5/8/12 | Name (Print): S. Peden | Date: _____ |
| Time Custody Received: 11:00 | Organization: DWR | Time Custody Released: _____ |
| Signature: _____ | Signature: _____ | Signature: _____ |

LABORATORY REMARKS (Leave Blank)

- | | | | |
|--|--|--|---|
| A. Condition at Time of Receipt: 20.02 mR/hr | | | |
| <input type="checkbox"/> Acceptable | <input type="checkbox"/> Broken Container | <input type="checkbox"/> Leaked in Transit | <input type="checkbox"/> Improper Container |
| <input type="checkbox"/> Holding Time Exceeded | <input type="checkbox"/> Sample Not Cooled | <input type="checkbox"/> Insufficient Sample | |
| B. Preservatives/Carriers: | | | |
| <input type="checkbox"/> Added While Sampling | <input type="checkbox"/> Added in Laboratory | <input type="checkbox"/> Not Added | <input type="checkbox"/> Not Applicable |



State of California - Health and Human Services Agency

California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804

Phone: (510) 620-2911 Fax: (510) 620-2940



FINAL Analysis Results Report for Task ID. 12-0101

Collector: Chris Christensen	RHB	Requestor: Steve Hsu	RHB
	CA	1500 Capitol Avenue, MS 7610	
Phone Number: 707-299-8761		Sacramento CA 95814-5006	
		Phone Number: 916-440-7940	
Site/Project Name: Milk / 2nd Qtr 2012			
System No:	Billing Agency: RHB	Samples Received by Lab: 5/8/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0101-01	Sample ID: R 92016 Sample Type: Milk	Time Collected: 5/7/2012 07:10	Sampling Point: Humboldt Creamery	
I-131	EPA 901.1	0.701 +/- 0.836	2.48	pCi/L
K-40	EPA 901.1	1290 +/- 31.5	40.6	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radio-nuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received <u>5/8/12</u>	Lab No. (Leave Blank) <u>12-0101</u>
	Date & Time Sampled <u>5-7-12 0715</u>	Serial Number <u>R 92016</u>
Collector Information Name: <u>Chris Christensen</u> Dept./Branch: Address: <u>231 Annaly Dr Fortuna CA 95540</u> Telephone No.:	Reporting Information Name: <u>Milk & Dairy Food Safety Branch</u> Dept./Branch: <u>1220 N Street</u> Address: <u>Sacramento CA 95814</u> Telephone No.:	
Sample Information System Name / Facility: <u>Humboldt Creamery</u> Sampling Point (s): <u>571 Highway 1 Fortuna CA 95540</u> System No.:	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Groundwater | <input type="checkbox"/> Surface Water | <input type="checkbox"/> Wastewater |
| <input type="checkbox"/> Raw | <input type="checkbox"/> Water Treatment Plant (WTP) | <input type="checkbox"/> Distribution System | <input type="checkbox"/> Point of Use (POU) |
| <input type="checkbox"/> Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted | | | |
-
- | | | | |
|---|-----------|--|--|
| <input type="checkbox"/> Air Filters | Date/Time | <input type="checkbox"/> Seawater | <input type="checkbox"/> Sludge (Semi-solid Samples) |
| Finishing: _____ | _____ | <input checked="" type="checkbox"/> Milk | <input type="checkbox"/> Soil/Sediment |
| Starting: _____ | _____ | <input type="checkbox"/> Wipes | <input type="checkbox"/> Biota (Type): _____ |
| Net (M ³) _____ | | <input type="checkbox"/> Radon Canister | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Air Charcoal Cartridge | | | |

COMMENTS: (Cautions, etc.):

- ☐ Field Treatment: Preservatives added: _____
- ☐ Field Measurement: _____ mR/hr
- ☐ Rush/Priority (should be prearranged and have supervisory approval)
- ☐ Cold/Frozen: _____ Other: _____
- ☐ Radionuclide(s), if known: _____

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- | | | |
|---|--|--|
| <input type="checkbox"/> Gross Alpha | <input type="checkbox"/> Gross Beta | <input type="checkbox"/> Gamma Scan |
| <input type="checkbox"/> Total Uranium | <input type="checkbox"/> Total Beta (LSC) | <input type="checkbox"/> NORM (Gamma) |
| <input type="checkbox"/> Total Radium | <input type="checkbox"/> Tritium (³ H) | <input type="checkbox"/> Isotopic Americium / Curium |
| <input type="checkbox"/> Radium-226 | <input type="checkbox"/> Carbon-14 | <input type="checkbox"/> Isotopic Plutonium |
| <input type="checkbox"/> Radium-228 | <input type="checkbox"/> Iodine-131 | <input type="checkbox"/> Isotopic Thorium |
| <input type="checkbox"/> Radon-222 | <input type="checkbox"/> Strontium-89, 90 | <input type="checkbox"/> Isotopic Uranium |
| <input type="checkbox"/> Other (Specify): _____ | <input type="checkbox"/> Nickel-63 | <input type="checkbox"/> Iron-55 |

CHAIN OF CUSTODY

- | | | | |
|---------------------------------------|--|---------------------------------------|---------------------------------------|
| 1. <u>5-7-12</u>
Date | <u>KEN LAND</u>
Name (Print) | <u>Ken-Land</u>
Signature | <u>5-7-12</u>
Date |
| <u>0710</u>
Time Custody Received | <u>Humboldt Creamery</u>
Organization | | <u>0715</u>
Time Custody Released |
| 2. <u>5-7-12</u>
Date | <u>Chris Christensen</u>
Name (Print) | <u>Chris Christensen</u>
Signature | <u>5-7-12</u>
Date |
| <u>0715</u>
Time Custody Received | <u>Milk & Dairy Food Safety Branch</u>
Organization | | <u>0720</u>
Time Custody Released |
| 3. <u>5/8/12</u>
Date | <u>S. BLUDER</u>
Name (Print) | <u>S. Bluder</u>
Signature | <u>5/8/12</u>
Date |
| <u>11:00</u>
Time Custody Received | <u>DWR LAB</u>
Organization | | <u>11:00</u>
Time Custody Released |

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt: 40.02 mR/hr
- | | | | |
|--|--|--|---|
| <input type="checkbox"/> Acceptable | <input type="checkbox"/> Broken Container | <input type="checkbox"/> Leaked in Transit | <input type="checkbox"/> Improper Container |
| <input type="checkbox"/> Holding Time Exceeded | <input type="checkbox"/> Sample Not Cooled | <input type="checkbox"/> Insufficient Sample | |
- B. Preservatives/Carriers:
- | | | | |
|---|--|------------------------------------|---|
| <input type="checkbox"/> Added While Sampling | <input type="checkbox"/> Added in Laboratory | <input type="checkbox"/> Not Added | <input type="checkbox"/> Not Applicable |
|---|--|------------------------------------|---|



State of California - Health and Human Services Agency
California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804

Phone: (510) 620-2911 Fax: (510) 620-2940



FINAL Analysis Results Report for Task ID. 12-0102

Collector: Gary Schultz	Cal. DHS	Requestor: Steve Hsu	RHB
415 Knollcrest Drive, Suite 110		1500 Capitol Avenue, MS 7610	
Redding Ca 96002		Sacramento CA 95814-5006	
Phone Number: 530-224-4868		Phone Number: 916-440-7940	
Site/Project Name: Milk / 2nd Qtr 2012			
System No:	Billing Agency: RHB	Samples Received by Lab: 5/8/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0102-01	Sample ID: R 92017 Sample Type: Milk	Time Collected: 5/4/2012 14:30	Sampling Point: Rumiano Cheese	
I-131	EPA 901.1	-2.09 +/- 1.26	3.34	pCi/L
K-40	EPA 901.1	1410 +/- 34.5	52.3	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radio-nuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received <u>5/8/12</u>	Lab No. (Leave Blank) <u>12-0102</u>
	Date & Time Sampled	Serial Number R 92017
Collector Information Name: <u>GARY SMITS</u> Dept./Branch: Address: <u>511 9th ST</u> <u>CRESCENT CITY C.A. 95531</u> Telephone No.: <u>707 445-1535</u>	Reporting Information Name: Dept./Branch: Address: Telephone No.:	
Sample Information System Name / Facility: <u>RUMIANO CHEESE CO</u> Sampling Point (s): <u>FARM PICK UP LOAD #1</u> System No.:	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Groundwater | <input type="checkbox"/> Surface Water | <input type="checkbox"/> Wastewater |
| <input checked="" type="checkbox"/> Raw | <input type="checkbox"/> Water Treatment Plant (WTP) | <input type="checkbox"/> Distribution System | <input type="checkbox"/> Point of Use (POU) |
| <input type="checkbox"/> Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted | | | |
| <input type="checkbox"/> Air Filters | Date/Time | <input type="checkbox"/> Seawater | <input type="checkbox"/> Sludge (Semi-solid Samples) |
| Finishing: _____ | _____ | <input checked="" type="checkbox"/> Milk | <input type="checkbox"/> Soil/Sediment |
| Starting: _____ | _____ | <input type="checkbox"/> Wipes | <input type="checkbox"/> Biota (Type): _____ |
| Net (M ³) _____ | _____ | <input type="checkbox"/> Radon Canister | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Air Charcoal Cartridge | | | |

COMMENTS: (Cautions, etc.): _____

- | | | |
|--|---|--------------|
| <input type="checkbox"/> Field Treatment: Preservatives added: _____ | Refrigerated/Frozen: _____ | Other: _____ |
| <input type="checkbox"/> Field Measurement: _____ mR/hr | <input type="checkbox"/> Radionuclide(s), if known: _____ | |
| <input type="checkbox"/> Rush/Priority (should be prearranged and have supervisory approval) | | |

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Gross Alpha | <input type="checkbox"/> Gross Beta | <input type="checkbox"/> Gamma Scan |
| <input type="checkbox"/> Total Uranium | <input type="checkbox"/> Total Beta (ES) | <input type="checkbox"/> NORM (Gamma) |
| <input type="checkbox"/> Total Radium | <input type="checkbox"/> Tritium (³ H) | <input type="checkbox"/> Isotopic Americium / Curium |
| <input type="checkbox"/> Radium-226 | <input type="checkbox"/> Carbon-14 | <input type="checkbox"/> Isotopic Plutonium |
| <input type="checkbox"/> Radium-228 | <input type="checkbox"/> Iodine-131 | <input type="checkbox"/> Isotopic Thorium |
| <input type="checkbox"/> Radon-222 | <input type="checkbox"/> Strontium-89, 90 | <input type="checkbox"/> Isotopic Uranium |
| <input type="checkbox"/> Other (Specify): _____ | <input type="checkbox"/> Nickel-63 | <input type="checkbox"/> Iron-55 |

CHAIN OF CUSTODY

- | | | | |
|---|---|--------------------------------|--|
| 1. <u>5-4-12</u>
Date
<u>2:30 PM</u>
Time Custody Received | <u>GARY SMITS</u>
Name (Print)
<u>RUMIANO CHEESE CO</u>
Organization | <u>Gary Smits</u>
Signature | <u>5-7-12</u>
Date
<u>9:00 AM</u>
Time Custody Released |
| 2. _____
Date
Time Custody Received | _____
Name (Print)
Organization | _____
Signature | _____
Date
Time Custody Released |
| 3. <u>5/8/12</u>
Date
<u>11:00</u>
Time Custody Received | <u>S. Ruben</u>
Name (Print)
<u>DWR</u>
Organization | <u>SP</u>
Signature | _____
Date
Time Custody Released |

LABORATORY REMARKS (Leave Blank)

- | | | | |
|--|--|--|---|
| <u>20.02</u> <u>mR/hr</u> | | | |
| A. Condition at Time of Receipt: | | | |
| <input type="checkbox"/> Acceptable | <input type="checkbox"/> Broken Container | <input type="checkbox"/> Leaked in Transit | <input type="checkbox"/> Improper Container |
| <input type="checkbox"/> Holding Time Exceeded | <input type="checkbox"/> Sample Not Cooled | <input type="checkbox"/> Insufficient Sample | |
| B. Preservatives/Carriers: | | | |
| <input type="checkbox"/> Added While Sampling | <input type="checkbox"/> Added in Laboratory | <input type="checkbox"/> Not Added | <input type="checkbox"/> Not Applicable |



State of California - Health and Human Services Agency

California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804

Phone: (510) 620-2911 Fax: (510) 620-2940



FINAL Analysis Results Report for Task ID. 12-0010

Investigator: Tom Hook	RHB	Requestor: Steve Hsu	RHB
P O Box 56		1500 Capitol Avenue, MS 7610	
Avila Beach CA 93424		Sacramento CA 95814-5006	
Phone Number: 805-545-4409		Phone Number: 916-440-7940	
Site/Project Name: Diablo Canyon NPP / Milk / April 2012			
System No:	Billing Agency: RHB	Samples Received by Lab: 4/4/2012	

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 12-0010-01	Sample ID: R 91959 Sample Type: Milk	Time Collected: 4/3/2012 08:10	Sampling Point: Cal Poly Dairy Farms	
I-131	EPA 901.1	0.347 +/- 0.515	1.44	pCi/L
K-40	EPA 901.1	1260 +/- 27.5	26.7	pCi/L

- (1) Precision criteria for these method were determined to be acceptable.
- (2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.
- (3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 divided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particular radionuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received 4-4-12	Lab No. (Leave Blank) 012-0010
	Date & Time Sampled 4/3/12 0810	Serial Number R 91959
Collector Information Name: TOM HOOK Dept./Branch: P.O. BOX 56 Address: AVILA BEACH, CA 93424 Telephone No.: (805) 545-4409		
Reporting Information Name: Dept./Branch: Address: Telephone No.:		
Sample Information System Name / Facility: CAL POLY DAIRY Sampling Point (s): 5F2 System No.:		
Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____		

TYPE OF SAMPLE (Check all applicable boxes)

- ☐ Drinking Water ☐ Groundwater ☐ Surface Water ☐ Wastewater
☐ Raw ☐ Water Treatment Plant (WTP) ☐ Distribution System ☐ Point of Use (POU)
☐ Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted
- ☐ Air Filters Date/Time ☐ Seawater ☐ Sludge (Semi-solid Samples)
 Finishing: _____
 Starting: _____
 Net (M³) _____
☐ Air Charcoal Cartridge ☐ Milk ☐ Soil/Sediment
☐ Wipes ☐ Biota (Type): _____
☐ Radon Canister ☐ Other: _____

COMMENTS: (Cautions, etc.):

- ☒ Field Treatment: Preservatives added: **Formaldehyde** Iced/Frozen: _____ Other: _____
☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- ☐ Gross Alpha ☐ Gross Beta ☒ Gamma Scan
☐ Total Uranium ☐ Total Beta (SC) ☐ NORM (Gamma)
☐ Total Radium ☐ Tritium (³H) ☐ Isotopic Americium / Curium
☐ Radium-226 ☐ Carbon-14 ☐ Isotopic Plutonium
☐ Radium-228 ☐ Iodine-131 ☐ Isotopic Thorium
☐ Radon-222 ☐ Strontium-89, 90 ☐ Isotopic Uranium
☐ Other (Specify): _____ ☐ Nickel-63 ☐ Iron-55

CHAIN OF CUSTODY

- | | | | | |
|----|---|--|---------------|---|
| 1. | Date
4/3/12
Time Custody Received
0810 | Name (Print)
TOM HOOK
Organization
PG&E | Signature
 | Date
4/3/12
Time Custody Released
1700 |
| 2. | Date
Time Custody Received | Name (Print)
Organization | Signature | Date
Time Custody Released |
| 3. | Date
4-4-12
Time Custody Received
1310 | Name (Print)
UN
Organization
DWR LRB | Signature
 | Date
Time Custody Released |

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt:**
☐ Acceptable ☐ Broken Container ☐ Leaked in Transit ☐ Improper Container
☐ Holding Time Exceeded ☐ Sample Not Cooled ☐ Insufficient Sample
- B. Preservatives/Carriers:**
☐ Added While Sampling ☐ Added in Laboratory ☐ Not Added ☐ Not Applicable
- = 0.01 MR/HR**
- 4/9/12**



RON CHAPMAN, MD, MPH
Director

State of California - Health and Human Services Agency
California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804

Phone: (510) 620-2911 Fax: (510) 620-2940



EDMUND G. BROWN JR.
Governor

FINAL Analysis Results Report for Task ID. N12-0167

Analyst: Angela Tan

Analysis Approved By: Shiyamalie Ruberu

Analysis Approval Date: 03/13/2012

Requestor

Name: Steve Hsu

Organization: Radiologic Health Branch

Address: MS 7610, 1500 Capitol Avenue

City: Sacramento

State: CA

Zip Code: 95814-5006 Phone: 916-440-7940

Site and Sample Information

Collector's Name: Orlando Sabi

Date/Time Collected: 03/05/2012 07:00 Date/Time Received: 03/06/2012 13:40

Site Name: Diablo Canyon NPP

Source Name: DCNPP / Milk/ March 2012

R Number: R 91942

Sample Type: Milk

<u>Sample ID</u>	<u>Sampling Point</u>	<u>Method</u>	<u>Parameter</u>	<u>Result ± CE</u>	<u>MDA₉₅</u>	<u>Units</u>
N12-0167-001	Cal Poly Dairy Farms	HASL Ga-01-R	I-131	-0.766 ± 0.542	1.46	pCi/L
N12-0167-001	Cal Poly Dairy Farms	HASL Ga-01-R	K-40	1240 ± 27.4	29.0	pCi/L

1. Precision criteria for these methods were determined to be acceptable.

2. CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980

3. MDA₉₅ is the sample specific minimum detectable activity at the 95% confidence level, which is the LLD₉₅ divided by 2.22, the efficiency and the yield, and may include factors for abundance, decay and ingrowth, depending on the particular radionuclide. LLD₉₅ is defined in section 7020C, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received 3-6-12	Lab No. (Leave Blank) 412-0167
	Date & Time Sampled 3/5/12 0700	Serial Number R 91942
Collector Information Name: ORLANDO SABI Dept./Branch: P.O. BOX 56 Address: AVILA BEACH, CA. 93424 Telephone No.: 805-545-4415	Reporting Information Name: Dept./Branch: Address: Telephone No.:	
Sample Information System Name / Facility: CAL POLY Sampling Point (s): 5F2 System No.:	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Groundwater | <input type="checkbox"/> Surface Water | <input type="checkbox"/> Wastewater |
| <input type="checkbox"/> Raw | <input type="checkbox"/> Water Treatment Plant (WTP) | <input type="checkbox"/> Distribution System | <input type="checkbox"/> Point of Use (POU) |
| <input type="checkbox"/> Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted | | | |
| <input type="checkbox"/> Air Filters /
Finishing: _____
Starting: _____
Net (M ³) _____ | Date/Time _____ | <input type="checkbox"/> Seawater
<input checked="" type="checkbox"/> Milk
<input type="checkbox"/> Wipes
<input type="checkbox"/> Radon Canister | <input type="checkbox"/> Sludge (Semi-solid Samples)
<input type="checkbox"/> Soil/Sediment
<input type="checkbox"/> Biota (Type): _____
<input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Air Charcoal Cartridge | | | |

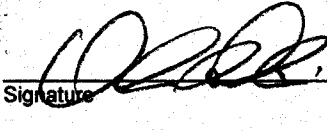
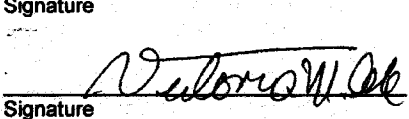
COMMENTS: (Cautions, etc.):

- | | | |
|--|---|---------------------------------------|
| <input type="checkbox"/> Field Treatment: Preservatives added: _____ | <input type="checkbox"/> Iced/Frozen: _____ | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Field Measurement: _____ mR/hr | <input type="checkbox"/> Radionuclide(s), if known: _____ | |
| <input type="checkbox"/> Rush/Priority (should be prearranged and have supervisory approval) | | |

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- | | | |
|---|--|--|
| <input type="checkbox"/> Gross Alpha | <input type="checkbox"/> Gross Beta | <input checked="" type="checkbox"/> Gamma Scan |
| <input type="checkbox"/> Total Uranium | <input type="checkbox"/> Total Beta (LSC) | <input type="checkbox"/> NORM (Gamma) |
| <input type="checkbox"/> Total Radium | <input type="checkbox"/> Tritium (³ H) | <input type="checkbox"/> Isotopic Americium / Curium |
| <input type="checkbox"/> Radium-226 | <input type="checkbox"/> Carbon-14 | <input type="checkbox"/> Isotopic Plutonium |
| <input type="checkbox"/> Radium-228 | <input type="checkbox"/> Iodine-131 | <input type="checkbox"/> Isotopic Thorium |
| <input type="checkbox"/> Radon-222 | <input type="checkbox"/> Strontium-89, 90 | <input type="checkbox"/> Isotopic Uranium |
| <input type="checkbox"/> Other (Specify): _____ | <input type="checkbox"/> Nickel-63 | <input type="checkbox"/> Iron-55 |

CHAIN OF CUSTODY

- | | | | |
|----------------------------|----------------------------------|--|-------------------------|
| 1. Date 3/5/12 0700 | Name (Print) ORLANDO SABI | Signature  | Date 3/5/12 1700 |
| Time Custody Received | Organization PBS | | Time Custody Released |
| 2. Date _____ | Name (Print) _____ | Signature _____ | Date _____ |
| Time Custody Received | Organization _____ | | Time Custody Released |
| 3. Date 3-6-12 1:40 | Name (Print) UA | Signature  | Date _____ |
| Time Custody Received | Organization DWRLB | | Time Custody Released |

LABORATORY REMARKS (Leave Blank)

- | | | | |
|--|--|--|---|
| A. Condition at Time of Receipt: | | ≤ 0.01 MR/HR | |
| <input type="checkbox"/> Acceptable | <input type="checkbox"/> Broken Container | <input type="checkbox"/> Leaked in Transit | <input type="checkbox"/> Improper Container |
| <input type="checkbox"/> Holding Time Exceeded | <input type="checkbox"/> Sample Not Cooled | <input type="checkbox"/> Insufficient Sample | |
| B. Preservatives/Carriers: | | | |
| <input type="checkbox"/> Added While Sampling | <input type="checkbox"/> Added in Laboratory | <input type="checkbox"/> Not Added | <input type="checkbox"/> Not Applicable |



RON CHAPMAN, MD, MPH
Director

State of California - Health and Human Services Agency
California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804
Phone: (510) 620-2911 Fax: (510) 620-2940



EDMUND G. BROWN JR.
Governor

FINAL Analysis Results Report for Task ID. N12-0098

Analyst: Angela Tan

Analysis Approved By: Shiyamalie Ruberu

Analysis Approval Date: 02/10/2012

Requestor

Name: Steve Hsu

Organization: Radiologic Health Branch

Address: MS 7610, 1500 Capitol Avenue

City: Sacramento

State: CA

Zip Code: 95814-5006 Phone: 916-440-7940

Site and Sample Information

Collector's Name: Chris Christensen

Date/Time Collected: 02/07/2012 07:00 Date/Time Received: 02/08/2012 10:30

Site Name: Humboldt Creamery / Milk

Source Name: Milk / 1st Qtr 2012

R Number: R 92791

Sample Type: Milk

<u>Sample ID</u>	<u>Sampling Point</u>	<u>Method</u>	<u>Parameter</u>	<u>Result ± CE</u>	<u>MDA₉₅</u>	<u>Units</u>
N12-0098-001	Humboldt Creamery	HASL Ga-01-R	I-131	0.172 ± 0.917	2.82	pCi/L
N12-0098-001	Humboldt Creamery	HASL Ga-01-R	K-40	1310 ± 34.8	55.7	pCi/L

1. Precision criteria for these methods were determined to be acceptable.

2. CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980

3. MDA₉₅ is the sample specific minimum detectable activity at the 95% confidence level, which is the LLD₉₅ divided by 2.22, the efficiency and the yield, and may include factors for abundance, decay and ingrowth, depending on the particular radionuclide. LLD₉₅ is defined in section 7020C, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received 2-8-12	Lab No. (Leave Blank) NH-0098
	Date & Time Sampled 2-7-12 0700	Serial Number R 92791
Collector Information Name: Chris Christensen Dept./Branch: CDEA/Milk & Dairy Address: 231 Annahy Dr Fortuna CA 95540 Telephone No.: 707-299-8761	Reporting Information Name: Milk & Dairy Food Safety Branch Dept./Branch: 1220 N Street Address: Sacramento CA 95814 Telephone No.:	
Sample Information System Name / Facility: Humboldt Creamery Sampling Point (s): 572 Highway 1 Fortuna CA 95540 System No.:	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- ☐ Drinking Water ☐ Groundwater ☐ Surface Water ☐ Wastewater
☐ Raw ☐ Water Treatment Plant (WTP) ☐ Distribution System ☐ Point of Use (POU)
☐ Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted
- ☐ Air Filters Date/Time ☐ Seawater ☐ Sludge (Semi-solid Samples)
 Finishing: _____ ☒ Milk ☐ Soil/Sediment
 Starting: _____ ☐ Wipes ☐ Biota (Type): _____
 Net (M³) _____ ☐ Radon Canister ☐ Other: _____
☐ Air Charcoal Cartridge

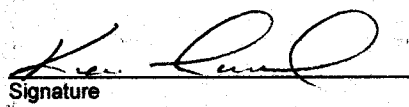
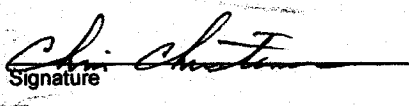
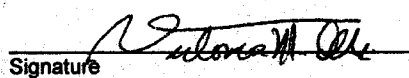
COMMENTS: (Cautions, etc.):

- ☐ Field Treatment: Preservatives added: _____ Iced/Frozen: _____ Other: _____
☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- ☐ Gross Alpha ☐ Gross Beta ☐ Gamma Scan
☐ Total Uranium ☐ Total Beta (LSC) ☐ NORM (Gamma)
☐ Total Radium ☐ Tritium (³H) ☐ Isotopic Americium / Curium
☐ Radium-226 ☐ Carbon-14 ☐ Isotopic Plutonium
☐ Radium-228 ☐ Iodine-131 ☐ Isotopic Thorium
☐ Radon-222 ☐ Strontium-89, 90 ☐ Isotopic Uranium
☐ Other (Specify): _____ ☐ Nickel-63 ☐ Iron-55

CHAIN OF CUSTODY

- | | | | | |
|----|---------------------------------------|---|---|--------------------------------------|
| 1. | Date
2-7-12 | Name (Print)
KEN LAND | Signature
 | Date
2-7-12 |
| | Time Custody Received
0700 | Organization
Humboldt Creamery | | Time Custody Released
0705 |
| 2. | Date
2-7-12 | Name (Print)
Chris Christensen | Signature
 | Date
2-7-12 |
| | Time Custody Received
0705 | Organization
Milk & Dairy Food Safety | | Time Custody Released
0710 |
| 3. | Date
2-8-12 | Name (Print)
UA | Signature
 | Date
2-8-12 |
| | Time Custody Received
10:30 | Organization
DWRLB | | Time Custody Released |

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt:**
☐ Acceptable ☐ Broken Container ☐ Leaked in Transit ☐ Improper Container
☐ Holding Time Exceeded ☐ Sample Not Cooled ☐ Insufficient Sample
- B. Preservatives/Carriers:**
☐ Added While Sampling ☐ Added in Laboratory ☐ Not Added ☐ Not Applicable



RON CHAPMAN, MD, MPH
Director

State of California - Health and Human Services Agency
California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804
Phone: (510) 620-2911 Fax: (510) 620-2940



EDMUND G. BROWN JR.
Governor

FINAL Analysis Results Report for Task ID. N12-0091

Analyst: Angela Tan

Analysis Approved By: Shiyamalie Ruberu

Analysis Approval Date: 02/10/2012

Requestor

Name: Steve Hsu

Organization: Radiologic Health Branch

Address: MS 7610, 1500 Capitol Avenue

City: Sacramento

State: CA

Zip Code: 95814-5006 Phone: 916-440-7940

Site and Sample Information

Collector's Name: Gary Smits

Date/Time Collected: 02/02/2012 15:00 Date/Time Received: 02/06/2012 14:00

Site Name: Rumiano Cheese / Milk

Source Name: Milk / 1st Qtr 2012

R Number: R 92792

Sample Type: Milk

<u>Sample ID</u>	<u>Sampling Point</u>	<u>Method</u>	<u>Parameter</u>	<u>Result ± CE</u>	<u>MDA₉₅</u>	<u>Units</u>
N12-0091-001	Rumiano Cheese	HASL Ga-01-R	I-131	1.39 ± 1.28	4.02	pCi/L
N12-0091-001	Rumiano Cheese	HASL Ga-01-R	K-40	1340 ± 35.6	58.5	pCi/L

1. Precision criteria for these methods were determined to be acceptable.

2. CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980

3. MDA₉₅ is the sample specific minimum detectable activity at the 95% confidence level, which is the LLD₉₅ divided by 2.22, the efficiency and the yield, and may include factors for abundance, decay and ingrowth, depending on the particular radionuclide. LLD₉₅ is defined in section 7020C, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received 12-6-12	Lab No. (Leave Blank) 112-0091
	Date & Time Sampled 2-2-12 3pm	Serial Number R 92792
Collector Information Name: GARY SMITS Dept./Branch: RUMIANO CHEESE CO Address: CRESCENT CITY C.A. 95531 Telephone No.:	Reporting Information Name: Dept./Branch: Address: Telephone No.:	
Sample Information System Name / Facility: RUMIANO CHEESE CO Sampling Point (s): 5119th ST CRESCENT CITY C.A. 95531 System No.: FARM PLY TANKER LOAD #1	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- ☐ Drinking Water ☐ Groundwater ☐ Surface Water ☐ Wastewater
☒ Raw ☐ Water Treatment Plant (WTP) ☐ Distribution System ☐ Point of Use (POU)
☐ Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted
- ☐ Air Filters Date/Time ☐ Seawater ☐ Sludge (Semi-solid Samples)
 Finishing: _____ ☒ Milk ☐ Soil/Sediment
 Starting: _____ ☐ Wipes ☐ Biota (Type): _____
 Net (M³) _____ ☐ Radon Canister ☐ Other: _____
☐ Air Charcoal Cartridge

COMMENTS: (Cautions, etc.):

- ☐ Field Treatment: Preservatives added: _____ Cooled/Frozen: _____ Other: _____
☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- ☐ Gross Alpha ☐ Gross Beta ☐ Gamma Scan
☐ Total Uranium ☐ Total Beta (LSC) ☐ NORM (Gamma)
☐ Total Radium ☐ Tritium (³H) ☐ Isotopic Americium / Curium
☐ Radium-226 ☐ Carbon-14 ☐ Isotopic Plutonium
☐ Radium-228 ☐ Iodine-131 ☐ Isotopic Thorium
☐ Radon-222 ☐ Strontium-89, 90 ☐ Isotopic Uranium
☐ Other (Specify): _____ ☐ Nickel-63 ☐ Iron-55

CHAIN OF CUSTODY

- | | | | | |
|----|--|--|---------------|--|
| 1. | Date
2-2-12
Time Custody Received
3:00 PM | Name (Print)
GARY SMITS
Organization
Rumiano Cheese | Signature
 | Date
2-3-12
Time Custody Released
3:00 PM |
| 2. | Date
Time Custody Received | Name (Print)
Organization | Signature | Date
Time Custody Released |
| 3. | Date
2-6-12
Time Custody Received
14:00 | Name (Print)
VIA
Organization
DWRLB | Signature
 | Date
Time Custody Released |

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt:**
☐ Acceptable ☐ Broken Container ☐ Leaked in Transit ☐ Improper Container
☐ Holding Time Exceeded ☐ Sample Not Cooled ☐ Insufficient Sample
- B. Preservatives/Carriers:**
☐ Added While Sampling ☐ Added in Laboratory ☐ Not Added ☐ Not Applicable

≤ 0.01 MR/HR



RON CHAPMAN, MD, MPH
Director

State of California - Health and Human Services Agency
California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804
Phone: (510) 620-2911 Fax: (510) 620-2940



EDMUND G. BROWN JR.
Governor

FINAL Analysis Results Report for Task ID. N12-0094

Analyst: Angela Tan

Analysis Approved By: Shiyamalie Ruberu

Analysis Approval Date: 02/23/2012

Requestor

Name: Steve Hsu

Organization: Radiologic Health Branch

Address: MS 7610, 1500 Capitol Avenue

City: Sacramento

State: CA

Zip Code: 95814-5006 Phone: 916-440-7940

Site and Sample Information

Collector's Name: Tom Hook

Date/Time Collected: 02/06/2012 07:15 Date/Time Received: 02/07/2012 11:00

Site Name: Diablo Canyon NPP

Source Name: DCNPP / February 2012

R Number: R 92790

Sample Type: Milk

<u>Sample ID</u>	<u>Sampling Point</u>	<u>Method</u>	<u>Parameter</u>	<u>Result ± CE</u>	<u>MDA₉₅</u>	<u>Units</u>
N12-0094-001	Cal Poly Dairy Farms	HASL Ga-01-R	I-131	-0.0727 ± 0.533	1.47	pCi/L
N12-0094-001	Cal Poly Dairy Farms	HASL Ga-01-R	K-40	1250 ± 26.8	28.1	pCi/L

1. Precision criteria for these methods were determined to be acceptable.

2. CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980

3. MDA₉₅ is the sample specific minimum detectable activity at the 95% confidence level, which is the LLD₉₅ divided by 2.22, the efficiency and the yield, and may include factors for abundance, decay and ingrowth, depending on the particular radionuclide. LLD₉₅ is defined in section 7020C, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911	Date Received <u>2-7-12</u>	Lab No. (Leave Blank) <u>112-0094</u>
	Date & Time Sampled <u>2/6/12 0715</u>	Serial Number <u>R 92790</u>
Collector Information Name: <u>Tom Hook</u> Dept./Branch: <u>PO Box 56</u> Address: <u>Avila Beach, CA 93424</u> Telephone No.: <u>805-545-4409</u>	Reporting Information Name: _____ Dept./Branch: _____ Address: _____ Telephone No.: _____	
Sample Information System Name / Facility: <u>CAL POLY DAIRY</u> Sampling Point (s): <u>5F2</u> System No.: _____	Billing Agency <input type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- | | | | |
|---|--|---|--|
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Groundwater | <input type="checkbox"/> Surface Water | <input type="checkbox"/> Wastewater |
| <input type="checkbox"/> Raw | <input type="checkbox"/> Water Treatment Plant (WTP) | <input checked="" type="checkbox"/> Distribution System | <input type="checkbox"/> Point of Use (POU) |
| <input type="checkbox"/> Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted | | | |
| <input type="checkbox"/> Air Filters | Date/Time | <input type="checkbox"/> Seawater | <input type="checkbox"/> Sludge (Semi-solid Samples) |
| Finishing: _____ | _____ | <input checked="" type="checkbox"/> Milk | <input type="checkbox"/> Soil/Sediment |
| Starting: _____ | _____ | <input type="checkbox"/> Wipes | <input type="checkbox"/> Biota (Type): _____ |
| Net (M ³) _____ | _____ | <input type="checkbox"/> Radon Canister | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Air Charcoal Cartridge | | | |

COMMENTS: (Cautions, etc.):

- ☒ Field Treatment: Preservatives added: Formaldehyde Iced/Frozen: _____ Other: _____
☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- | | | |
|---|--|--|
| <input type="checkbox"/> Gross Alpha | <input type="checkbox"/> Gross Beta | <input type="checkbox"/> Gamma Scan |
| <input type="checkbox"/> Total Uranium | <input type="checkbox"/> Total Beta (LSC) | <input type="checkbox"/> NORM (Gamma) |
| <input type="checkbox"/> Total Radium | <input type="checkbox"/> Tritium (³ H) | <input type="checkbox"/> Isotopic Americium / Curium |
| <input type="checkbox"/> Radium-226 | <input type="checkbox"/> Carbon-14 | <input type="checkbox"/> Isotopic Plutonium |
| <input type="checkbox"/> Radium-228 | <input type="checkbox"/> Iodine-131 | <input type="checkbox"/> Isotopic Thorium |
| <input type="checkbox"/> Radon-222 | <input type="checkbox"/> Strontium-89, 90 | <input type="checkbox"/> Isotopic Uranium |
| <input type="checkbox"/> Other (Specify): _____ | <input type="checkbox"/> Nickel-63 | <input type="checkbox"/> Iron-55 |

CHAIN OF CUSTODY

- | | | | |
|---------------------------------------|-------------------------------------|---------------------------------|--------------------------------------|
| 1. <u>2/6/12</u>
Date | <u>Rich Treisen</u>
Name (Print) | <u>[Signature]</u>
Signature | <u>2/6/12</u>
Date |
| <u>0715</u>
Time Custody Received | <u>PG&F</u>
Organization | | <u>1700</u>
Time Custody Released |
| 2. _____
Date | _____
Name (Print) | _____
Signature | _____
Date |
| _____
Time Custody Received | _____
Organization | | _____
Time Custody Released |
| 3. <u>2-7-12</u>
Date | <u>UA</u>
Name (Print) | <u>[Signature]</u>
Signature | _____
Date |
| <u>11:00</u>
Time Custody Received | <u>DWBLB</u>
Organization | | _____
Time Custody Released |

LABORATORY REMARKS (Leave Blank)

- | | | | |
|--|--|--|---|
| A. Condition at Time of Receipt: | | | |
| <input type="checkbox"/> Acceptable | <input type="checkbox"/> Broken Container | <input type="checkbox"/> Leaked in Transit | <input type="checkbox"/> Improper Container |
| <input type="checkbox"/> Holding Time Exceeded | <input type="checkbox"/> Sample Not Cooled | <input type="checkbox"/> Insufficient Sample | |
| B. Preservatives/Carriers: | | | |
| <input type="checkbox"/> Added While Sampling | <input type="checkbox"/> Added in Laboratory | <input type="checkbox"/> Not Added | <input type="checkbox"/> Not Applicable |
- 0.01 MR/HR



RON CHAPMAN, MD, MPH
Director

State of California - Health and Human Services Agency
California Department of Public Health

Drinking Water and Radiation Laboratory Branch

850 Marina Bay Parkway, Richmond, CA 94804
Phone: (510) 620-2911 Fax: (510) 620-2940



EDMUND G. BROWN JR.
Governor

FINAL Analysis Results Report for Task ID. N12-0025

Analyst: Angela Tan

Analysis Approved By: Shiyamalie Ruberu

Analysis Approval Date: 01/19/2012

Requestor

Name: Tom Hook

Organization: Radiologic Health Branch

Address: P.O. Box 56

City: Avila Beach

State: CA

Zip Code:

Phone: 805-545-4409

Site and Sample Information

Collector's Name: Tom Hook

Date/Time Collected: 01/09/2012 07:15 Date/Time Received: 01/10/2012 12:02

Site Name: Diablo Canyon NPP

Source Name: DCNPP / January 2012

R Number: R92716

Sample Type: Milk

<u>Sample ID</u>	<u>Sampling Point</u>	<u>Method</u>	<u>Parameter</u>	<u>Result ± CE</u>	<u>MDA₉₅</u>	<u>Units</u>
N12-0025-001	Cal Poly Dairy Farms	HASL Ga-01-R	Cs-134	0.436 ± 0.337	1.35	pCi/L
N12-0025-001	Cal Poly Dairy Farms	HASL Ga-01-R	Cs-137	0.423 ± 0.537	1.39	pCi/L
N12-0025-001	Cal Poly Dairy Farms	HASL Ga-01-R	I-131	0.527 ± 0.537	1.51	pCi/L
N12-0025-001	Cal Poly Dairy Farms	HASL Ga-01-R	K-40	1260 ± 26.9	28.1	pCi/L

1. Precision criteria for these methods were determined to be acceptable.
2. CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980
3. MDA₉₅ is the sample specific minimum detectable activity at the 95% confidence level, which is the LLD₉₅ divided by 2.22, the efficiency and the yield, and may include factors for abundance, decay and ingrowth, depending on the particular radionuclide. LLD₉₅ is defined in section 7020C, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the square root of the instrument background count rate.

REQUEST FOR SAMPLE ANALYSIS (Radiochemical)

Sanitation and Radiation Laboratories Branch 850 Marina Bay Parkway, G164 Richmond, CA 94804 510-620-2911		Date Received 01/10/12	Lab No. (Leave Blank) N12-0035-001
		Date & Time Sampled 1/9/12 0715	Serial Number R 92716
Collector Information Name: <u>Tom Hook</u> Dept./Branch: <u>PO Box 56</u> Address: <u>Avila Beach, CA 93424</u> Telephone No.: <u>805-545-4400</u>		Reporting Information Name: Dept./Branch: Address: Telephone No.:	
Sample Information System Name / Facility: <u>CAL POLY DAIRY</u> Sampling Point (s): <u>5F2</u> System No.:		Billing Agency <input checked="" type="checkbox"/> DWFOB () <input type="checkbox"/> RHB <input type="checkbox"/> RWQCB () <input type="checkbox"/> DTSC <input type="checkbox"/> DWTPB <input type="checkbox"/> FDB <input type="checkbox"/> DWR <input type="checkbox"/> CDFG <input type="checkbox"/> EMB <input type="checkbox"/> Other (Specify) _____	

TYPE OF SAMPLE (Check all applicable boxes)

- ☐ Drinking Water ☐ Groundwater ☐ Surface Water ☐ Wastewater
☐ Raw ☐ Water Treatment Plant (WTP) ☐ Distribution System ☐ Point of Use (POU)
☐ Treated (circle one): Chlorinated / Chloraminated / Chlorine Dioxide / Ozonated / Peroxzone / Fluoridated / Coagulated / pH Adjusted
- ☐ Air Filters Date/Time _____ ☐ Seawater ☐ Sludge (Semi-solid Samples)
 Finishing: _____ ☒ Milk ☐ Soil/Sediment
 Starting: _____ ☐ Wipes ☐ Biota (Type): _____
 Net (M³) _____ ☐ Radon Canister ☐ Other: _____
- ☐ Air Charcoal Cartridge

COMMENTS: (Cautions, etc.):

- ☒ Field Treatment: Preservatives added: Formaldehyde Iced/Frozen: _____ Other: _____
☐ Field Measurement: _____ mR/hr ☐ Radionuclide(s), if known: _____
☐ Rush/Priority (should be prearranged and have supervisory approval)

ANALYSIS REQUESTED (For questions, please call 510-620-2911)

- ☐ Gross Alpha ☐ Gross Beta ☐ Gamma Scan
☐ Total Uranium ☐ Total Beta (LSC) ☐ NORM (Gamma)
☐ Total Radium ☐ Tritium (³H) ☐ Isotopic Americium / Curium
☐ Radium-226 ☐ Carbon-14 ☐ Isotopic Plutonium
☐ Radium-228 ☐ Iodine-131 ☐ Isotopic Thorium
☐ Radon-222 ☐ Strontium-89, 90 ☐ Isotopic Uranium
☐ Other (Specify): _____ ☐ Nickel-63 ☐ Iron-55

CHAIN OF CUSTODY

- | | | | | |
|----|------------------------------------|----------------------------------|------------------------------|-----------------------------------|
| 1. | Date <u>1/9/12</u> | Name (Print) <u>Pick Treinen</u> | Signature <u>[Signature]</u> | Date <u>1/9/12</u> |
| | Time Custody Received <u>0715</u> | Organization <u>PG&E</u> | | Time Custody Released <u>1700</u> |
| 2. | Date _____ | Name (Print) _____ | Signature _____ | Date _____ |
| | Time Custody Received _____ | Organization _____ | Signature _____ | Time Custody Released _____ |
| 3. | Date <u>01/10/12</u> | Name (Print) <u>A. TAM</u> | Signature <u>Angela Tam</u> | Date _____ |
| | Time Custody Received <u>11:50</u> | Organization <u>DWR/LB</u> | | Time Custody Released _____ |

LABORATORY REMARKS (Leave Blank)

- A. Condition at Time of Receipt:**
☐ Acceptable ☐ Broken Container ☐ Leaked in Transit ☐ Improper Container
☐ Holding Time Exceeded ☐ Sample Not Cooled ☐ Insufficient Sample ☐ Dairy
- B. Preservatives/Carriers:**
☐ Added While Sampling ☐ Added in Laboratory ☐ Not Added ☒ Not Applicable
- 01/10/12 0715